

## **Historic, Archive Document**

**Do not assume content reflects current scientific knowledge, policies, or practices.**



22.65

# OSCAR H. WILL & CO.

SEED CORN SPECIALISTS · BISMARCK · N. D.



PIONEER SEED HOUSE  
NURSERY & GREENHOUSE  
OF THE NORTHWEST

1883



1928

# General Directions To Customers

**HOW TO SEND MONEY.** Remittance should be made by **Postoffice** or **Express Money Order** or by **Bank Draft**. Personal checks on good banks are accepted, **but customers must pay exchange**. U. S. stamps are accepted for small amounts.

**DELIVERY OF GOODS.** Goods may be sent by mail, express or freight. Mail postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs., within 150 miles, 50 lbs. beyond that. Weight limit for Parcel Post to Canada 11 lbs., takes 8th zone rate. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

**EXPRESS AND FREIGHT.** Sending goods by freight or express means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before receiving it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We can not insure plants and nursery stock so there is no recourse in case of delay and injury.

**PACKING.** No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

**KEEP A COPY OF YOUR ORDER.** Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with other goods or notices sent.

**MISTAKES.** These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

**OUR RESPONSIBILITY.** It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands, especially goods like seeds which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

We give no warrant, express or implied, as to the description, quality, productiveness or any other matter, of any seeds, bulbs, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on the above terms, no sale is made thereof, and they must be returned at once and money will be refunded.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented they may be at once returned at our expense when we shall refill or refund the customer's money as requested.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station we are glad to replace or refund. We do not guarantee Nursery Stock and Plants after being taken from the express office, but are always willing to give attention to just claims for loss.





## Greetings

Greetings once more to all of our old customers, and welcome to our new ones! We take pleasure in presenting to you our 45th annual catalog of seeds, plants and nursery stock especially adapted to Northwestern conditions. We feel that this is the best catalog that we have yet issued, and further that our ability to serve our customers has kept equal pace with the quality of our catalog.

Forty seven years ago Oscar H. Will, whose picture appears upon this page, began his work with plants and seeds here at Bismarck, and two years later his first catalog appeared, a modest four-page folder. During his lifetime he devoted himself to a study of the special requirements of the Northwest and to the breeding and introducing of varieties which might fit those requirements.

He founded his nursery business upon the collection of native tree seedlings in the days of the tree claim, and hundreds of great groves all over the Northwest owe their origin to the little seedlings which Oscar H. Will sent out in the '80s.

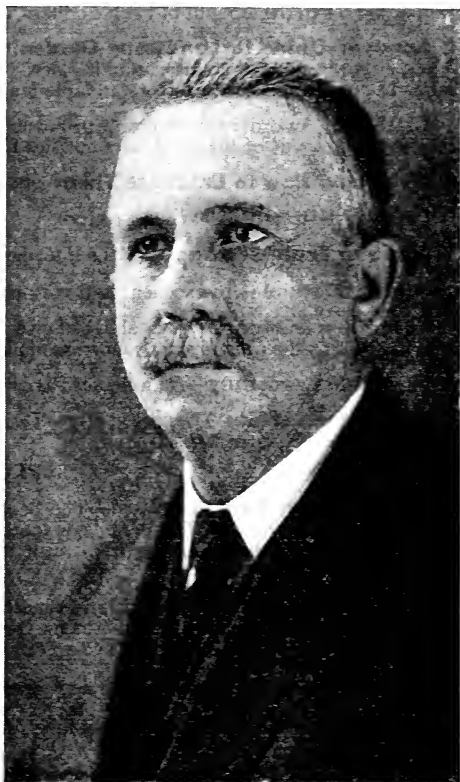
He brought with him to North Dakota a deep interest in corn growing and his work in producing varieties suited to the Northwest has been long recognized and appreciated. Practically all of the most popular and best sorts of corn for Northwestern conditions have been introduced through our catalogs, and many of them bred or improved by us.

Nor have vegetable varieties been neglected in our work. In addition to the many native Indian vegetables which we have improved and introduced, we have continually experimented with new and special vegetable varieties of all sorts and have determined those best suited to this territory and given them place in our catalog, thus introducing them to the Northwest. We feel indeed that we have the most perfectly adapted list of vegetables suited to short seasons and rugged conditions that is issued, and we take pride in the fact that a very large number of the items are of our own breeding, improving and introduction.

If you wish the very earliest and the very hardiest, combined with the best quality possible, in plants, trees or seeds, we can supply you and are at your service.

Sincerely,

OSCAR H. WILL & CO.



Oscar H. Will

### PARCEL POST RATES

Limit of weight in zones 1 and 2 is 70 lbs. Weight limit for zones 3 to 8 inclusive, is 50 lbs.

#### If You Do Not Know Which Zone Rate Applies Consult Your Postmaster

For zones 1 and 2 one pound is 7c. Add 1c per pound to 7c for each additional pound weight of the package. Thus 7 pounds will be 7c plus 6 additional pounds at 1c per pound, or 13c.

**Zone 3**—one pound is 8c. For each additional pound add 2c. **Zone 4**—One pound is 9c. For each additional pound add 4c. **Zone 5**—One pound is 10c. For each additional pound add 6c. **Zone 6**—One pound is 11c. For each additional pound add 8c. **Zone 7**—One pound is 13c. For each additional pound add 10c. **Zone 8**—One pound is 14c. For each additional pound add 12c. The 8th zone rate applies on parcel post to Canada.

### PREMIUMS

Premiums must be claimed at the time of ordering, and only one premium is allowed to each order.

**CLASS 1.** An order for vegetable or flower seeds to the amount of seven dollars, or of seed grain and trees to the amount of twelve dollars, entitles the customer to his choice of the following:

**Amateur Guide to Landscape Gardening**—This is just the book for the average home owner, either in town or country, and it places the principles of shrub and tree planting before the reader in simple and easily understandable language.

**CLASS 2.** An order for vegetable or flower seeds to the amount of ten dollars, or for grain or trees to the amount of fifteen dollars entitles the customer to one of the following premiums:

**Weeds and How to Eradicate Them**—By Thomas Shaw.

**Country Kitchen**—900 tested recipes.

**Amateur Fruit Growing**—All the information required by the new fruit grower.

**Poultry Manual**—An excellent and very complete handbook for the poultry raiser.

**CLASS 3.** An order for vegetable or flower seeds to the amount of fifteen dollars, or for seed grain or trees to the amount of twenty-five dollars, entitles the purchaser to one of the following:

**Vegetable Gardening**—An advanced book on gardening.

**One 16-inch White Thermometer**—Tested and good for fifty below. This is an article necessary on every farm.

### SPECIALS

**Special Onion Seed Premium**—The book "Onions," by Ralph W. Jordan. Given upon request with each order for five pounds or more of onion seed. Sold at fifty cents. A complete work on the raising, handling, and treatment of onions with directions for every step from preparing ground to marketing.

**Special Corn Premium**—To those especially interested in the Indian Agriculture we can offer a book on the subject, "Corn Among the Indians of the Upper Missouri." This sells at \$1.50, and we shall be glad to send it as a premium with every seed corn order of \$25.00 or more.

I have sent you an order now for the last three years. I have been well pleased with your garden seeds.  
—Chas. H. Smith, Box 224, McGrew, Nebr. 3921

Having bought all of our seed of you for the past five years we have found them very satisfactory and true to name.—Mr. and Mrs. A. L. Pallin, Belmont, Idaho.

I have used your seed for the past five years and have had good success.—Mrs. Orpha Brinkerhoff, Huntington, Utah. 2669

It gives me great pleasure to let you know that I have been a steady customer of yours for 23 years. Upon arriving here I sent to Bismarck for a catalog which I received at once. I have used your seeds and plants with great success and have informed many of my friends.—C. M. Lachner, Wales, N. D.

## Special Collections

### WILL'S BARGAIN COUNTER

#### SPECIAL PACKET COLLECTION NO. 1

**We offer thirteen five-cent packets of seeds, the selection of the buyer, for 50c.**

Seeds in packets at more than 5c per packet may be counted as two or more five cent packets, but in no case are ounces or larger packages to be included in this collection.

#### SPECIAL FLOWER SEED COLLECTION NO. 2

**For School Children**

To children interested in flowers we offer seven packets of flower seeds of our selection for 25c.

#### WILL'S SWEET CORN COLLECTION

The collection is designed to give corn lovers the longest possible succession of roasting ears by furnishing a planting of each variety from the very earliest sorts to the latest which we can use profitably in our climate.

**Two ounces of each of the following varieties.**

<b>Assiniboine Yellow</b>	<b>Nuetta</b>	<b>Improved Early Dakota</b>
<b>Will's Early June</b>	<b>Sunshine</b>	<b>Golden Bantam</b>
<b>Banana Cream</b>	<b>Stowell's Evergreen</b>	

**The PRICE of the COLLECTION is 50c, postpaid.**

#### WILL'S DOLLAR HOME GARDEN COLLECTION

For a garden 25x40 feet, figured in 25-ft. rows. This collection is a great saving and an especial convenience to the customer who is not familiar with varieties and comparative quantities required.

Amount, Variety, Space Required, Distance Between Rows and Regular Price:

1/4-lb. Improved Golden Wax Beans, 2 rows, 18 in. ....	\$0.23
1 oz. Will's Improved Beet, 2 rows, 18 in. ....	.10
2 pkts. Danvers Half Long Carrot, 2 rows, 18 in. ....	.10
1/4-lb. Golden Bantam Sweet Corn, 4 rows, 2 1/2 ft. ....	.15
1 pkt. Early Fortune Cucumber, 1 row, 3 ft. ....	.05
2 pkts. Lettuce, 1 Leaf, 1 Head, 1 row, 1 ft. ....	.10
2 pkts. Dakota Globe Onion, 2 rows, 18 in. ....	.10
2 pkts. Improved Guernsey Parsnip, 2 rows, 18 in. ....	.10
1/4-lb. Bliss Everbearing Peas, 2 rows, 2 ft. ....	.22
1/4-lb. Sutton's Excelsior Peas, 2 rows, 2 ft. ....	.25
1 oz. Radish, Will's Early Carmine, 2 rows, 1 ft. ....	.10
1 pkt. Swiss Chard, Lucullus, 1 row, 18 in. ....	.05
Value if ordered separately .....	\$1.55
<b>Price, postpaid .....</b>	<b>\$1.00</b>

#### WILL'S PIONEER INDIAN COLLECTION

Seven packets of the same vegetable varieties grown by the Indians of this section long before the white man ever saw North Dakota. Interesting and valuable.

1 pkt. Arikara Watermelon	1 pkt. Arikara Yellow Bean	1 pkt. Mandan Squash
1 pkt. Nuetta Sweet Corn	1 pkt. Indian Sunflower	1 pkt. Omaha Pumpkin
	1 pkt. Arikara Squash	

**Price 25c Postpaid**

**For Our LEADER COLLECTION See Page 12**

## FLOWER SEED

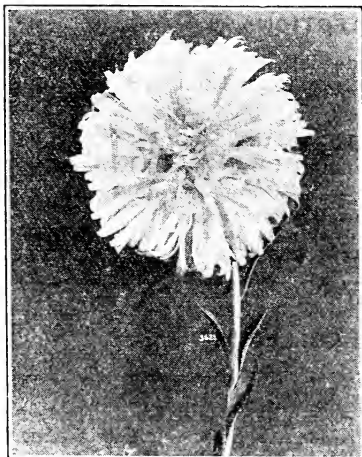
### WILL'S OLD FASHIONED FLOWER GARDEN COLLECTION—75c, Postpaid

1 pkt. Antirrhinum.	1 pkt. Forget-Me-Not.	1 pkt. Phlox.
1 pkt. Mixed Bachelor's Button	1 pkt. Hollyhock, Sgl. Mixed.	1 pkt. Sgl. Portulaca
1 pkt. Balsam.	1 pkt. French Mixed Marigold.	1 pkt. Stock.
1 pkt. Canterbury Bells.	1 pkt. Mignonette.	1 pkt. Sweet William
1 pkt. Convolvulus.	1 oz. Imperial Mixed Sweet	1 pkt. Verbena.
1 oz. Tall Nasturtiums.	Peas.	1 pkt. Zinnia.

**VALUE \$1.35—PRICE, POSTPAID, 75c.**

In order that our customers may plant and grow with better understanding, we make use of the following symbols:

- (A) **Annals**—These complete the cycle of growth, flowering, and death, the first year.  
 (B) **Biennials**—These grow from seed the first year, bloom and die the second. If started indoors these commonly bloom the first year.  
 (P) **Perennials**—These live and flower year after year.  
 (T) **Tender**—Plants so marked should be started inside and transplanted after danger of frost is past.  
 (C) **Climbing Plants**.



Japanese

### PIONEER ASTERS (A)

**PURITY-WHITE DAYBREAK**—An early flowering, strong, bushy variety of very even growth, about 20 inches in height. The full round flowers are of the purest snowy white. Fine for bedding. **Pkt., 10c; ¼-oz., 40c.**

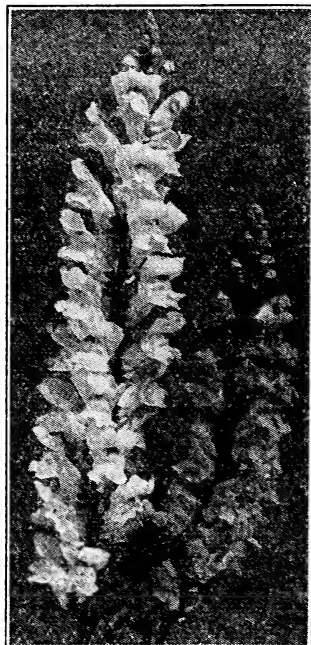
**DAYBREAK**—This early flowering variety is a compact strong grower about 20 inches tall with soft pink, ball-like blossoms. **Pkt., 10c; ¼-oz., 45c.**

**CRIMSON CREGO**—A mid-season variety of the branching type growing about 2 feet tall. The crimson flowers are commonly 4 to 5 inches across, borne on stems 12 inches long. A fine all 'round sort. **Pkt., 10c; ¼-oz., 40c.**

**LAVENDER CREGO**—Season, form and habit the same as the Crimson Crego, but with lavender blossoms. **Pkt., 10c; ¼-oz., 40c.**

**PURPLE CREGO**—Another color in the glorious Crego family. **Pkt., 10c; ¼-oz., 40c.**

**JAPANESE**—A mid-season giant flowering variety of branching habit growing about 2 feet high. The long, narrow petals bend and curl on each other to make this the fluffiest aster of them all. **All colors mixed. Pkt., 5c; ¼-oz., 30c.**



Antirrhinum-Snapdragon

**AGERATUM**—(A) One of the best border and bedding plants, blooming from early summer to frost. Grows 10 inches tall. **Blue Perfection. Pkt., 5c; ¼-oz., 15c. Album-White. Pkt., 5c; ¼-oz., 15c.**

**ALYSSUM**—(A) One of the finest annuals we have for edging; very dwarf and blooming from early in the season until frost.

**Sweet Alyssum (Maritimum)**—Honey scented white blossoms. **Pkt., 5c; ½-oz., 15c.**

**Lilac Queen**—Deep lavender, lilac blossoms. **Pkt., 5c; ½-oz., 25c.**

**ANTIRRHINUM-SNAPDRAGON**—Maximum Giant Flowered. (A) The newest in Snapdragons and a marked advance in size of bloom and brilliancy of color. Readily raised from seed in any sunny bed, spring seedlings bloom by midsummer and, if cut freely, the flowering is continuous until fall. If then taken up, cut back, and potted, plants will bloom in the house during the winter. One of the finest flowers for cutting. Our mixture is unexcelled. **Pkt., 10c; ¼-oz., 30c.**

**BACHELOR'S BUTTON—CORN FLOWER**—(Centaurea Cyanus.) (A) This is among the most attractive of all hardy annuals and one of the most popular of the old-fashioned flowers.

**Double Blue. Pkt., 10c; ¼-oz., 20c.**

**Double Mixed. Pkt., 5c; ¼-oz., 15c.**

If you wish any sort of Flower Seed not listed here, ask us about it. If we do not have it, we can get it, or tell you where it may be procured.

**BALLOON VINE**—(A-C) Remarkable for the inflated appearance of its seed pods, and sometimes called "Love-in-a-Puff." The flower is insignificant, but the plant is a rapid and graceful climber. **Pkt., 5c; oz., 25c.**



Balsam

**BALSAM-LADY SLIPPER**—Double Camellia Flowered. (A) An old favorite. It likes hot sun, rich soil, and plenty of water. In return it will give its brilliant masses of beautiful double flowers in greatest profusion. **All colors mixed. Pkt., 5c; ¼-oz., 20c.**

**BEANS**—Scarlet Runner. (A-C) This old-time favorite is a rapid growing annual climber, reaching a height of 10 to 12 feet and bearing sprays of brilliant scarlet pea-like blossoms. **Pkt., 5c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 60c.**

**BEE BALM-SPIDER PLANT**—(A) A very hardy native plant growing well in gumbo and alkali. Two to four feet high with spider-like purple flowers in August. **Pkt., 5c.**

**CALENDULA-POT MARIGOLD**—Orange King. A deep orange, very double, large flowered strain of this showy, hardy annual. Grows anywhere and blooms from midsummer until frost. **Pkt., 5c; ¼-oz., 15c.**

**CALLIOPSIS-TICKSEED**—(A) A showy and free-flowering annual, blooming all summer and excellent for cutting and massing. We offer a mixture of the finest strains. **Pkt., 5c; ½-oz., 20c.**

**CANARY BIRD FLOWER**—(A-C) A beautiful climber with a charming little canary-colored blossom bearing a slight resemblance to a bird with the wings half extended. **Pkt., 5c; oz., 30c.**

**CANDYTUFT**—Giant Flowering Mixed. (A) This justly popular annual is of easiest culture and flowers profusely throughout the whole season. The flowers of our strain are nearly double the size of the old varieties and fairly cover the plants, which are useful in beds, pots, or borders. **Pkt., 5c; ½-oz., 20c.**

**CANNA**—Crozy's Dwarf. (P-T) This is a large flowering French strain and ordinarily blooms the first year from seed. The tropical foliage is surmounted by spikes of bloom in glowing colors. **Pkt., 10c; ½-oz., 25c.**

**CANTERBURY BELLS**—**CAMPANULA MEDIUM**—Single Mixed—(B) The old fashioned favorite, with its bell-like blooms, is easily grown from seed and one of the earliest and most attractive of the hardy border plants. **Pkt., 5c, ¼-oz., 25c.**

**CARNATION**—Dwarf Margaret. (P) Our mixed color strain of this general favorite will produce an abundance of fragrant double flowers. They are quite hardy, bloom four months from seed, and may be cut back and planted in pots for winter blooming. With slight covering they will live out all winter. **Pkt., 10c; ¼-oz., 40c.**

**CARNATION**—Chabaud Mixed. (P) This reselected French sort blooms in five months from seed and from then on blooms indefinitely in wonderful profusion of splendid double flowers. **Pkt., 15c; ¼-oz., 65c.**

**CATCHFLY**—(A) A bright-colored, free-flowering annual, largely grown for spring flowering and used in borders and rock work. It succeeds in any light, loamy soil. Our mixture embraces the white, red and rose-flowering strains. **Pkt., 5c; ¼-oz., 25c.**

**CENTAUREA IMPERIALIS**—Giant Sweet Sultan. (A) The finest of all Sweet Sultans for cut flowers. The large, sweet scented, graceful, thistle-like blooms are borne on long strong stems. Mixed. **Pkt., 10c; ¼-oz., 25c.**

**CHINESE LANTERN PLANT**—**Physalis Franchetti.** (P) Produces lantern-like fruits that turn bright red when ripe. The stems should then be cut, the leaves stripped off, and the fruits will retain their color through the winter. **Pkt., 10c; ¼-oz., 40c.**

**CHRYSANTHEMUM** — **CORONARIUM** — **FRENCH MARGUERITE.** (A) These annual Chrysanthemums are altogether different from the large-flowered late varieties grown by florists. In cool, moist locations they grow easily from seed and flower freely. Excellent pot plants during the spring months. **Pkt., 5c; ½-oz., 20c.**

**CLARKIA**—Double Mixed. (A) This popular hardy annual is easily grown with most beautiful results. One of the best for clay soils. **Pkt., 10c; ¼-oz., 20c.**

**COBOEASCANDENS**—Cathedral Bells. (A-C) Very prolific and perfectly hardy. This is the most handsome and rapid growing of annual climbers. It is always clean of insects. The flowers are bell-shaped and very beautiful. **Pkt., 10c; ¼-oz., 20c.**



Carnation



Double Crested Cosmos

**FRENCH COLLARETTE**—Peculiar in the row of short petals around the disc, distinctly colored from the rest of the flower. **Pkt., 10c.**

## COSMOS

**EARLY MAMMOTH FLOWERING SINGLE MIXED**—(A) We offer a strain of Cosmos that comes into full bloom early enough to satisfy the wants of flower lovers in this section. The plants are easily raised and form large bushes, 4 to 5 feet tall, covered in late summer with huge blossoms. A fine annual hedge. **Pkt., 5c; ¼-oz., 20c.**

**EARLY FLOWERING DOUBLE CRESTED MIXED**—(A) This new class, sometimes called Anemone flowered, is the best of all Cosmos for cutting and one of the finest subjects for mass planting. Although this is a new variety, it comes practically true from seed, but a small percentage of single blooms must be expected. **Pkt., 10c; ¼-oz., 60c.**

**WILD CUCUMBER**—(A-C) The quickest growing climber we have. Thickly dotted with white flowers followed by ornamental and prickly seed pods. For spring planting scald before sowing. **Pkt., 5c; oz., 15c; ½-lb., 55c.**

**CYPRESS VINE**—(A-C) A most beautiful climber with dark green fern-like foliage and mass of beautiful star-shaped flowers. **Pkt., 5c; ½-oz., 25c.**

**SUMMER CYPRESS—BURNING BUSH.** (A) A highly ornamental annual of very rapid growth which forms a pyramidal bush from 2 to 3 feet high, having a cypress-like appearance. The leaves are a light pea-green until September when they change to a carmine or bright red. **Pkt., 5c; ½-oz., 15c.**

## DAHLIAS

**CACTUS**—Loosely formed Chrysanthemum-like flowers. **Pkt., 10c.**

**DOUBLE**—A mixture of seeds from the best varieties. **Pkt., 10c.**

## DAISIES

**SHASTA**—(P) This hardy perennial can be grown out of doors anywhere. The flowers are large with white, cream and yellow colored petals and small golden centers. We offer the choicest obtainable strain. **Pkt., 10c; ¼-oz., 90c.**

For Shasta Daisy Roots, see Page 91.

**DOUBLE—Bellis.** (A & P) Dainty spring flowering, shade-loving plants, suitable for borders and low beds. **Pkt., 10c; ¼-oz., 40c.**

**DIANTHUS—Chinese Pink.** (A & P) Like its relative, the carnation, the Dianthus is supremely beautiful. Our mixture ranges from pure white to the most delicate pink and deep glowing crimson. It includes all the standard sorts and all the newest spotted, striped and handsomely fringed varieties. **Pkt., 5c; ¼-oz., 20c.**

**DIGITALIS—FOXGLOVE.** (P) Easily grown perennial attaining a height of from 2 to 4 ft. and producing long spikes of beautiful tubular-shaped flowers. **Pkt., 5c; ¼-oz., 25c.**

**FORGET-ME-NOT.** (P) These charming little favorites succeed best in cool, moist soils, blooming most freely during the spring and fall months. If lightly covered, they will live through the winter and will bear even more profusely the second spring than the first. **Pkt., 10c; ¼-oz., 30c.**

**FOUR O'CLOCK—Marvel of Peru.** (A) A beautiful bushy, free-flowering old-fashioned favorite. The showy flowers open only in the afternoon or on cloudy days. A good annual hedge. **Pkt., 5c; oz., 15c.**

**GERANIUM**—(A) Sown early in the spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. In fact, propagation by seed is the only way to obtain new varieties. Our mixture is of the largest and finest strains. **Pkt., 10c.**

**GOURDS—Ornamental.** (A-C) A valuable class of annual climbers. The gourds are of various sizes and colors and if allowed to ripen on the vines, can be kept for months as curiosities. **Pkt., 5c; oz., 25c.**

**GYPSOPHILA ELEGANS GRANDIFLORA ALBA—Angel's Breath.** (A) An improved white flowering strain of the delicately graceful favorite so much in demand for cutting and in combination with other flowers. **Pkt., 5c; ½-oz., 20c.**

**HELIANTHUS—Chrysanthemum Flowered.** (A) The best and most effective of all annual sunflowers. The flowers are immense, from 12 to 15 inches in diameter and extremely double. It is especially adapted for backgrounds and hiding unsightly places. **Pkt., 5c; oz., 25c.**

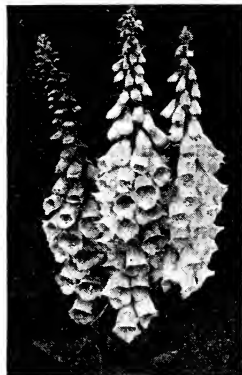
**HELIANTHUS—MAMMOTH RUSSIAN SUNFLOWER.** (A) This is the old-fashioned heavy seed producer. Single heads measure from 12 to 22 inches across and contain an immense quantity of seed valuable as a poultry and stock food. **Pkt., 5c; ¼-lb., 10c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50.**



Dianthus—Chinese Pink

**HELICHRYSUM—EVERLASTING or STRAWFLOWER.** (A) Much prized for durable bouquets and winter decoration. To dry, gather flowers when partly unfolded and hang heads down in a cool place. Finest mixed. **Pkt., 5c; ¼-oz., 20c.**

**HELIOTROPE**—(A-T) A universal favorite on account of its fragrance and beauty. Few realize that it can be raised from the seed as easily as the Verbena. Seed sown early indoors will insure a long period of bloom. Used both for bedding and pot plant. **Pkt., 5c.**



Digitalis—Foxglove



Double Hollyhock

**LAVATERA—Swiss Rose.** (A) An annual Mallow, showy and effective for either large borders or cutting. *Rosea Splendens.* Very large, bright rose flowers: *Alba Splendens*, large silky, pure white flowers. **Either color.** Pkt., 10c; ¼-oz., 25c.

**LOBELIA—Crystal Palace Compacta.** (A) One of the best and most popular border plants, bushy, 6 inches high, with dark foliage and deepest blue flowers which fairly cover the plants throughout the season. Pkt., 10c; ¼-oz., 95c.

**MARIGOLD—The Eldorado.** (A) The plants grow 2½ feet high with large, double, imbricated flowers, from 3 to 4 inches in diameter. Our strain embraces four shades of color; the lightest primrose, lemon, golden-yellow, and deep orange. Pkt., 5c; ¼-oz., 20c.



Finest Mixed Morning Glory

**MARIGOLD—French Mixed.** (A) A dwarf strain forming ball-like bushes 1 foot high, of quick growth and free-flowering habit. The double flowering sorts of our mixture include the most rich and beautiful colors. Pkt., 5c; ¼-oz., 20c.

**MIGNONETTE—Machet.** (A) The best ever-blooming strain for either outdoor or inside planting. It is of dwarf pyramidal growth, with numerous flower stalks. The blossoms are highly colored and very fragrant. Pkt., 5c; ¼-oz., 20c.

**FINEST MIXED MORNING GLORY—Convolvulus Major.** (A-C) A fine mixture of the old-fashioned, yet ever popular, climber. Pkt., 5c; oz., 15c; ¼-lb., 45c.

**JAPANESE MORNING GLORY—Ipo-mea Imperialis.** (A-C) The delicately colored flowers range from snow-white to black-purple. Requiring a warm situation for best growth, the vines will frequently make 25 feet in a summer. The leaves are extremely attractive in their variations. Pkt., 5c; oz., 20c; ¼-lb., 75c.



Marigold

## NASTURTIUMS

**WILL'S PIONEER BRAND DWARF MIXED NASTURTIUMS—(A)** Our mixture is the best obtainable and very desirable for bedding, vases and pot plants. The seed should be planted in rows one to two feet apart and when well started, thinned to 10 inches in the rows. The plants bloom freely and the flowers embrace every desirable color. Pkt., 5c.; oz., 15c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.00.

**WILL'S SUPERB TALL MIXED NASTURTIUMS—(A-C)** Our magnificent strain makes a strong growth of from 5 to 6 feet, flowering freely from spring to fall with large blooms of the most brilliant shades. These are remarkable for their wide range, embracing rose, salmon-pink, light yellow, deep orange, velvet maroon, and purple in clear color, as well as every conceivable fancy in stripe and blotch. We are justly proud of our selection which we feel deserves a place in every garden. Pkt., 5c; oz., 15c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.00.



Dwarf Mixed Nasturtiums

Your Superb Tall Mixed Nasturtiums are now in bloom—they are the loveliest I have ever seen.—Mrs. Wm. H. Schmelz, Springfield, Minnesota.



**NICOTIANA-AFFINIS HYBRIDS**—(A). Our splendid hybrids give a profuse display of delightfully sweet-scented, showy, many shaded blooms from July until frost. The bushy plants are from 2 to 3 feet high. **Pkt., 10c; 1/4-oz., 25c.**



Royal Show Pansies

## WILL'S PANSIES (P)

**CULTURE**—Pansies are the most popular of all flowers and everyone should grow a bed of this hardy group. Best results may be had by sowing seed indoors in February, transplanting when large enough, one inch apart, and then again to the open ground in May. The largest sized flowers can only be attained in rich soil. Manure from the cow stable is especially beneficial.

**WILL'S ROYAL SHOW**—We have spared neither care nor expense in our efforts to make Will's Royal Show Pansies the best mixture obtainable. The colorings and markings are diverse beyond belief. The blooms are all that can be desired in size and form. **Pkt., 15c; 2 pkts., 25c; 1/4-oz., \$2.00.**

**WILL'S PREMIUM MIXTURE**—While not to be compared with the Royal Show, Will's Premium Mixture has large blooms in complete color range, and will please everyone who enjoys pansies and can appreciate quality of color, shape, and substance. **Pkt., 5c; 1/4-oz., 75c.**

**BRONZE MASTODON**—The best of pansies in a beautiful bronze shade. **Pkt., 15c.**

**PANAMA-PACIFIC MASTODON**—Wonderfully large yellow blossoms. **Pkt., 15c.**

**For Pansy Plants, See Page 71.**

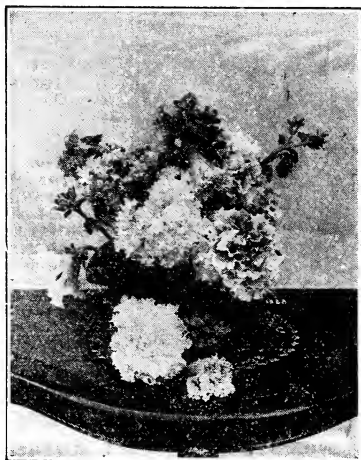
## PETUNIAS (A)

**CULTURE**—The greatest care should be taken in planting Petunia seeds. The covering of soil should not exceed one-sixteenth of an inch in depth and while the earth must be kept warm and moist, excessive moisture must be avoided.

**PRIZE DOUBLE**—Our large flowering, fringed strain is the best Double Petunia seed obtainable. At least 50 per cent of the plants produced will have double or semi-double blooms. The intensely careful work necessary in pollenizing and harvesting makes our seed worth its weight in gold. **Pkt., 20c; 2 pkts., 35c.**

**HYBRIDA GRANDIFLORA**—In this mixture will be found all the choicest and most beautiful single and semi-double flowers in cultivation. The colorings and markings are simply wonderful. Our seed is saved from strong, thrifty, free-flowering plants which show the richest colors and most striking markings. **Pkt., 10c; 1/4-oz., 30c.**

**ROSY MORN**—A dwarf Petunia, dainty and effective for borders and window boxes. In color a soft carmine pink with white throat. **Pkt., 10c; 1/4-oz., 75c.**



Prize Double Petunias

**PENTSTEMON GRANDIFLORA—Beard Tongue.** (P) One of the most beautiful of our native perennial flowers and absolutely hardy. The plant grows 2 feet high, blooming in early July, with long spikes of large lavender, bell-shaped blossoms. Fine for cutting and color masses. **Pkt., 5c; 1/4-oz., 20c.**

**PORTULACA—Rose Moss.** (A) A hardy dwarf annual of easy culture. It thrives anywhere and produces an abundance of brilliant blooms where almost any other plant would die. The flowers are rich and brilliant in coloring. Fine for beds, borders and rock planting.

**Double Mixed.** **Pkt., 10c; 1/4-oz., 90c.** **Single mixed.** **Pkt., 5c; 1/4-oz., 25c.**

**PRIMROSE or PRIMULA**—(T-A) Japanese Primrose Mixture. Seed sown in April will make fine specimen plants which will begin to bloom in the fall and continue through the winter. Our mixture includes not only the choicest colors of the single flowering Primulas, but also selected seed from hybridized flowers, which will produce a number of double blooms. **Pkt., 10c.**

**For Single and Double Petunia Plants, see page 71.**



**PHLOX—Drummondii Grandiflora.** (A) Of all summer flowering annuals, Phlox Drummondii stands among the most brilliant and satisfactory. The trusses are large and well rounded, while the individual florets are as large as those of the perennial Phloxes. The colors we offer in our superb mixture are most distinct and brilliant. **Pkt., 10c; ¼-oz., 40c.**

## POPPIES (A)

**MIXED CARNATION**—This is the finest double mixture ever offered. It includes the most brilliant and delicately tinted sorts and a bed of this strain makes a truly gorgeous display. **Pkt., 5c; ½-oz., 15c.**

**FLANDERS**—Hardy and easily grown, the vivid scarlet red flowers cannot be surpassed for effect when massed in solid beds. The official flower of the American Legion. **Pkt., 10c; ½-oz., 30c.**

**CALIFORNIA or ESCHOLTZIA**—Crimson, white and gold. A showy, free-flowering plant of low, spreading growth and finely divided silver-gray foliage. Seed should be sown thinly and early in the spring where plants are to bloom. Where a solid bed is desired, seed may be thinly broadcast and raked in. This is the most effective way of planting this gorgeous flower. We can supply separate colors in half ounces. **Pkt., 10c; ½-oz., 20c.**



Phlox Drummondii

**SHIRLEY**—This strain is perfectly hardy and flowers the first season from seed. The large, graceful flowers range in color through all shades of rose, pink, carmine and brilliant crimson. **Pkt., 10c; ½-oz., 30c.**

**BLUE MAW**—The seed is much used in cooking by the people of Central and Southeastern Europe. **Pkt., 5c; oz., 10c; 1 lb., \$1.00.**



Carnation Poppy

**SALPIGLOSSIS—Grandiflora. "Velvet Flower."** (A) A free-flowering annual succeeding best in cool, moist soils. The large flowers borne by plants of our mixture are most vividly spotted and striped on ground colors of deep blue, rose, velvet, yellow and reddish bronze. **Pkt., 10c; ½-oz., 30c.**

**SCABIOSA—MOURNING BRIDE**—(A) Our large flowering tall double sort forms compact, rounded plants of dark green foliage, 10 inches in height. The flowers are borne on tall, slender stems 20 inches in length and bloom from the middle of July to frost. Scabiosa is prized for cutting and much used for borders. **Pkt., 5c; ½-oz., 20c.**

**SNOW ON THE MOUNTAIN**—(*Euphorbia variegata*.) (A) A bushy plant with insignificant flowers, but whose broad green leaves are heavily margined with silvery white, much used in mixed borders and as a background for lower growing plants. **Pkt., 10c; ¼-oz., 30c.**

**STOCK—Dwarf Ten Weeks.** (A) The large flower spikes are borne in great profusion. They are of beautiful coloring, rich fragrance, and excellent keeping quality. Our strain is of the best for bedding and early summer flowering. **Pkt., 10c; ¼-oz., 50c.**

**SWEET ROCKET—HESPERIS.** (B) An old-fashioned plant growing 2 to 3 feet high, bearing spikes of showy fragrant flowers. Used for borders and cutting. **Pkt., 10c; ½-oz., 30c.**



California Poppy or Escholtzia



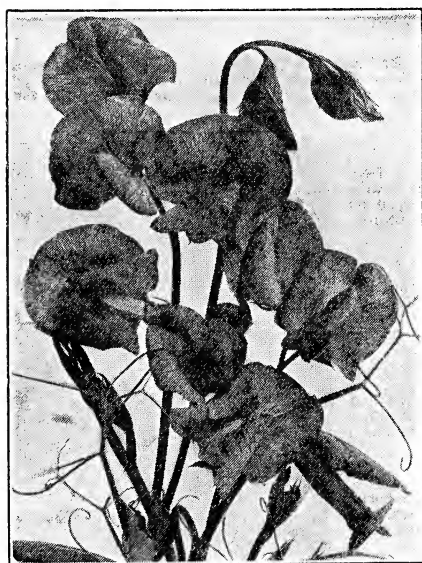
Sweet William

**ZINNIA—Dahlia Flowered.** (A) The Dahlia Flowered Strain is the biggest advance in the development of the Zinnia to date. This old fashioned favorite is much used for bedding and borders and lately for cutting. Few flowers are more easily grown or bloom more abundantly. With this new strain you can have larger, handsomer, and more brilliant Zinnias than ever before. **Pkt., 10c; ¼-oz., 50c.**

### CHOICE MIXED SWEET PEAS

#### A Few Suggestions

The Sweet Pea Plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. The seed should be sown at the rate of one ounce to fifteen feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember the vines quickly wither if allowed to produce any great amount of seed.



Imperial Mixed Sweet Peas

will bloom later. This mixture has involved careful selection and we highly recommend it. **Pkt., 10c; oz., 20c; ¼-lb., 60c; ½-lb., \$1.05; 1 lb., \$2.00.**

### SWEET WILLIAM—*Dianthus Barbatus.* (P)

These make wonderful border plants, with heads of bloom of great size and wonderful beauty. If given proper care the plants will last many years although they may be easily raised from seed each season. Our mixture combines many rich and beautiful colors of this old favorite. **Pkt., 10c; ¼-oz., 20c.**

**VERBENA HYBRIDA**—A most popular annual of many uses, bearing large clusters of showy flowers through a long season until frost. The colors of our mixture are rich and varied and include all the brighter shades. **Pkt., 10c; ¼-oz., 35c.**



Dahlia Flowered Zinnia

**WILL'S IMPERIAL MIXED**—A blend of all the best Spencer strains and the old, but ever popular, Grandiflora types. Every color of the rainbow in unlimited variety is represented in every possible combination; striped, blotched, mottled, and margined. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.00.**

**EARLY FLOWERING SPENCER MIXTURE**—These bloom two weeks before the standard Spencer varieties, but with the same large, waved flowers. They have replaced the standard Spencers in greenhouse planting and, though they do not grow quite as tall, their earliness and long season of bloom make them invaluable in outdoor planting, particularly in the short seasoned north. **Pkt., 15c; oz., 35c; ¼-lb., 90c; ½-lb., \$1.65; 1 lb., \$3.00.**

**TREAT  
SWEET  
PEAS  
WITH**



**Garden  
Size  
25c.**

**SEE PAGE 67.**

### WILL'S GIANT SPENCER MIXED—A

blend in proper proportions of many splendid varieties of the large waved Spencer or orchid-flowered type throughout the whole range of color. Not in bloom as early as the Early Flowering, this mixture will give stronger growth of vine and

## WILL'S SWEET PEAS

### Summer Flowering Spencer Varieties

These are the orchid-flowered or large waved Sweet Peas. We have endeavored to select for you the choicest and most beautiful varieties.

**AUSTIN FREDERICK IMPROVED**—The large **pure lavender** flowers are borne on long stiff stems with fours predominating. We regard this variety as the best lavender Sweet Pea. **Pkt., 10c; oz., 30c.**



**Hawlmark Pink** (1/4 Natural Size)

**KING WHITE**—Gigantic flowers of exquisite form and pure glistening **white** color. **Pkt., 10c; oz., 30c; 1/4-lb., \$1.00.**

**PICTURE**—The color is a blend of **cream** and **pink**, with deeper shading on the wings. **Pkt., 10c; oz., 30c.**

**PRIMROSE**—Large **cream-yellow** flowers of splendid substance and well waved. **Pkt., 10c; oz., 25c.**

**ROYAL PURPLE**—A rich **warm purple**, the best of its color. **Pkt., 10c; oz., 30c.**

**ROYAL SCOT**—A brilliant **orange scarlet** that does not fade or burn in the hottest sunshine. **Pkt., 10c; oz., 30c; 1/4-lb., 90c.**

**WARRIOR**—A rich **chocolate maroon** shaded lightly with bronze, a free bloomer and strong grower. **Pkt., 10c; oz., 25c.**

**WEDGEWOOD**—A unique shade of **light blue**, borne most uniformly in four flower sprays. **Pkt., 10c; oz., 25c.**

**COMMANDER GODSALL**—A free blooming **deep violet-blue**. **Pkt., 10c; oz., 30c.**

**GUINEA GOLD**—Bright, **glowing orange** on a **gold ground**. This variety was given an Award of Merit by the National Sweet Pea Society. **Pkt., 10c; oz., 35c.**

**HAWLMARK PINK**—One of the finest varieties now in cultivation. The color is a beautiful shade of **rose-pink, shaded with salmon**. The flowers are large, usually borne in fours on long stout stems. **Pkt., 10c; oz., 30c., 1/4-lb., 90c.**

**HERCULES**—This old favorite is a mammoth **bright rose pink**, an especially vigorous grower and free bloomer. **Pkt., 10c; oz., 25c; 1/4-lb., 80c.**

**ILLUMINATOR**—A rich **cerise salmon**, the flowers of this variety are uniformly large. **Pkt., 10c; oz., 25c.**

**FOR MORE AND BETTER BLOOMS TREAT SEED WITH Garden Size Package, 25c, post-paid. See Page 67.**



**KING EDWARD**—The old unsurpassed **deep, rich crimson**. Sunproof and a reliable bloomer. **Pkt., 10c; oz., 25c; 1/4-lb., 80c.**



**King Edward** (1/4 Natural Size)

#### SPECIAL OFFER

One regular packet of each of the above 14 varieties **\$1.00**. If purchased separately would cost \$1.40. Will sow 50 feet of row.

# Will's Pioneer **VEGETABLE SEEDS** Grow Quick



**VIEWS OF OUR TRIAL GROUNDS.**

Please remember that the Garden Seed prices here quoted are by mail, postpaid to any address in the United States, unless otherwise noted. Prices of one pound or over subject to change.



**Will's Hardy Garden Seeds, Acclimated to the Northwest,  
Do Well Everywhere.**

## Our Leader Collection 60c Postpaid

- |                                       |                                  |
|---------------------------------------|----------------------------------|
| 1 pkt. Will's Improved Beet.          | 1 pkt. Millet's Dakota Tomato.   |
| 1 pkt. Copenhagen Market Cabbage.     | 1 pkt. Dakota Globe Onion.       |
| 1 pkt. Danvers Half Long Carrot.      | 1 pkt. Guernsey Parsnip.         |
| 1 pkt. Danish Perfection Cauliflower. | 1 pkt. Harris Earliest Pepper.   |
| 1 pkt. Early Fortune Cucumber.        | 1 pkt. Early Carmine Radish.     |
| 1 pkt. Curled Simpson Lettuce.        | 1 pkt. Will's Improved Rutabaga. |
| 1 pkt. Ex. Early Osage Muskmelon.     | 1 pkt. Improved Hubbard Squash.  |
| 1 pkt. Will's Sugar Watermelon.       |                                  |

## PLANTING TABLE FOR VEGETABLES

Ft. of row for five persons	Kind of Vegetable	Dist. apart of plants in rows (in.)	Least Dist. betw. rows (inches)	Seed for 100 feet of row
200.....	*Beans—Dwarf, snap.....	2-5.....	20.....	2 lbs.
100.....	Beans—Dwarf, Lima.....	6.....	20.....	2 lbs.
150.....	*Beets.....	2-4.....	18.....	2 oz.
200.....	Cabbage.....	16-24.....	24.....	50-75 plants.
50.....	Cauliflower.....	16-24.....	24.....	50-75 plants.
50.....	*Carrot.....	2.....	18.....	1 oz.
50.....	Celery.....	4-8.....	18.....	200 plants.
500.....	*Corn, sweet.....	16-36.....	30.....	1/4-lb.
100.....	Cucumber.....	48.....	Hills 48.....	1/2-oz.
25.....	Egg plant.....	20-30.....	24.....	50 plants.
150.....	*Lettuce.....	4-8.....	Beds 6.....	1/4-oz.
150.....	Muskmelon.....	Hills 72.....	72.....	1/2-oz.
300.....	Onions.....	4-6.....	14.....	1-3 oz.
200.....	Onions, from sets.....	2-3.....	16.....	3 pts. sets.
50.....	*Parsnip.....	3-5.....	18.....	1/4-oz.
300.....	*Peas.....	1/4-1 1/2.....	30.....	2 lbs.
25.....	Peppers.....	16.....	24.....	20 plants
800.....	Potatoes, early.....	14-18.....	30.....	1/4 peck
150.....	*Radish.....	1-2.....	16.....	1 oz.
200.....	*Spinach.....	1-3.....	18.....	1 oz.
25.....	Squash, summer.....	Hills 42.....	42.....	1/2-oz.
100.....	Tomato.....	30.....	36.....	40 plants
800.....	*Turnip.....	2-4.....	18.....	1/2-oz.

**WILL'S SEEDS Stand For EARLINESS And HARDINESS. Back Of WILL'S SEEDS Are FORTY FIVE YEARS Of EXPERIENCE.**

These vegetables marked \* should not all be planted at one time, but a part at intervals of two or three weeks to secure a continuous supply.

If you use large quantities of Garden Seeds, let us quote on your requirements.

## ASPARAGUS

### One Ounce Will Sow Fifty Feet of Drill

**CULTURE**—Sow early in spring in rows one foot apart; when one year old the roots may be taken up and transplanted in permanent beds, which should be made by taking out the soil to a depth of about 16 inches; fill in with six inches of well rotted stable manure, then six inches of soil somewhat firmed. Place the roots on the same about 10 inches apart with the roots well spread out, and cover so that the crown will be about four inches below the surface. Keep the surface well raked to keep down the weeds until the shoots appear.

**WASHINGTON**—The new rust resistant variety developed by the experts of the U. S. Department of Agriculture and which we believe will soon be grown to the exclusion of all other varieties. A very heavy yielding pedigreed strain; the rich, dark green stalks are long, thick and heavy. **Pkt., 10c; oz., 35c; ¼-lb., \$1.20; 1 lb., \$3.25, postpaid.**

**CONOVER'S COLOSSAL**—This is the largest and most extensively grown green variety. **Pkt., 5c; oz., 10c; ¼-lb., 30c; 1 lb., \$1.00, postpaid.**

**COLUMBIAN MAMMOTH WHITE**—A distinct variety of strong and vigorous growth, producing very large white shoots that in favorable weather remain white as long as fit for use. **Pkt., 5c; oz., 10c; ¼-lb., 30c, 1 lb., \$1.00, postpaid.**



Conover's Colossal

### ASPARAGUS ROOTS

**WASHINGTON (Rust Proof)**—Two year old roots. **Per Doz., 50c; 50, \$1.75; 100, \$3.25, postpaid. By express, 50, \$1.50; 100, \$3.00.**

**CONOVER'S COLOSSAL.**

**COLUMBIA MAMMOTH.**

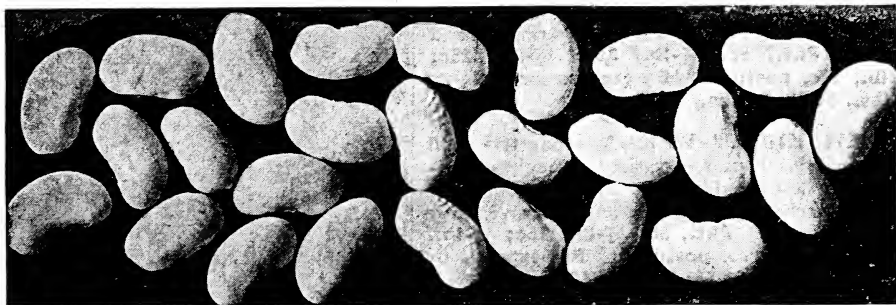
Either of the two varieties next above, 2 year roots, **per 25, 85c; 100, \$2.25, postpaid. By express, 25, 75c; 50, \$1.25; 100, \$2.00; 500, \$8.00; 1000, \$15.00.**

**MARY WASHINGTON**—This is the most perfect and heaviest bearing of the various Washington strains, originated by the U. S. Dept. of Agriculture, which have worked such a revolution in asparagus varieties. Two year roots, **per doz., 75c; 50, \$2.00; 100, \$3.50, postpaid. By express, 50, \$1.75; 100, \$3.25.**

## WILL'S BEANS

**CULTURE**—Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. Note that we are listing beans by weight instead of measure. One pound of beans is a little more than one pint.

### FIELD BEANS



Great Northern Baking Beans (Natural Size)



See Page 67

exclusion of all other varieties around Billings, the Bean center of the Northwest. **Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 32c, postpaid. By express or freight, 10 lbs., \$1.50; 100 lbs., \$10.00.**

**HIDATSA RED**—A heavy yielder, hardy, drought resistant, and an excellent baking bean. The seed is similar to the Great Northern in shape, but is red in color. Originally obtained from one of the Ft. Berthold tribes. **Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 32c, postpaid. By express or freight, 10 lbs., \$1.60; 100 lbs., \$11.00.**

**GREAT NORTHERN—The Most Delicious Baking Bean in the World.** This hardest bean was originally obtained by us forty-two years ago from Son of a Star, an Hidatsa Indian, by whose tribe it had then been raised for many years. It is a wonderful yielder and one of the most profitable sorts that can be raised. Cooks in considerably shorter time than pea beans, is sweeter, more tender, and more readily digestible. Grown to the

**PILOT NAVY—The Earliest on Earth.** This bean, originated in Minnesota by Mr. Dupont, and introduced by us in 1913, has come to occupy a very high place both for its earliness and its cooking qualities. It comes close to the wax beans, from which it developed, in tenderness. The skin is very thin and it is the best flavored of the Navy Beans. Its earliness makes it a most valuable acquisition to our field crops. **Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 32c, postpaid.** By express or freight, 10 lbs., \$1.65; 100 lbs., \$12.00.



See Page 67

**ARIKARA YELLOW** — An even better flavored bean than the Hidatsa, but not quite as heavy a yielder. It is named after one of the Ft. Berthold Indian tribes by whom it is much grown. **Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1 lb., 32c, postpaid.** By express or freight, 10 lbs., \$1.60; 100 lbs., \$11.50.

### DWARF OR BUSH BEANS

**GREEN POD STRINGLESS**—This most widely grown of all the green podded sorts is very early and of best quality. The dark green pods are round, straight, thick, meaty, strictly stringless and brittle. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 37c, postpaid.** By express or freight, 5 lbs., \$1.30; 10 lbs., \$2.40.

**BOUNTIFUL**—A favorite throughout the Northwest for its earliness, hardness, and productivity. The light green pods average 6 to 7 inches in length and are stringless, thick, flat, slightly fibrous, and of excellent quality, although not quite up to the Green Pod Stringless. Its hardness and yield under adverse conditions are its best qualities. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 35c, postpaid.** By express or freight 5 lbs., \$1.20; 10 lbs., \$2.30.



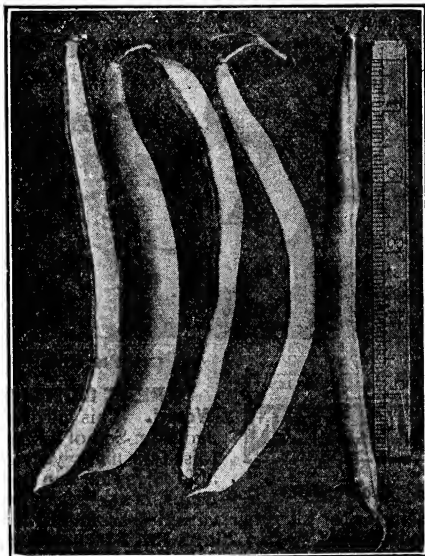
Green Pod Stringless

**PENCIL POD BLACK WAX**—An old favorite sort, hardy, productive and of excellent flavor. Long, golden yellow pods, stringless and brittle. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 37c, postpaid.** By express or freight, 5 lbs., \$1.30; 10 lbs., \$2.40.

**NEW KIDNEY WAX**—A productive and high quality mid-season variety, stringless, fiberless, very fleshy and brittle. The flat pods average 6½ inches long and are an attractive, clear yellow in color. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 40c, postpaid.** By express or freight, 5 lbs., \$1.35; 10 lbs., \$2.50.

**UNRIVALLED WAX**—An immensely productive, very early, showy sort. The fleshy pods are clear yellow in color, with a trace of string but quite fiberless. The plant is very vigorous. This is one of the best yellow podded varieties. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 40c, postpaid.** By express or freight, 5 lbs., \$1.35; 10 lbs., \$2.50.

Ask for prices on large lots.



Pencil Pod Black Wax

Of course I buy my trees etc. from Oscar Will, as my father bought all his stock from Wills for over forty years.  
Olmert Olson, Froid, Mont.





Sure Crop Stringless Wax

**POLE BEANS**

**KENTUCKY WONDER WAX.** The best pole wax bean for northern planting. The light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 42c, postpaid.**

**KENTUCKY WONDER OR OLD HOMESTEAD.** The most popular green-podded climbing bean. The pods are 8 to 9 inches long, fleshy, curved, tender and of good quality. The old reliable. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 37c, postpaid. By express or freight, 5 lbs., \$1.30.**



Jackson Wonder

**SURE CROP STRINGLESS WAX.** A heavy yielding and delicious wax bean. Very bushy with long flat yellow pods. Has been increasingly popular every year since its introduction. Absolutely stringless; very hardy; rust resistant with a very strong plant growth. An excellent main crop wax bean. **Pkt., 5c; ¼-lb., 15c; ½-lb., 23c; 1 lb., 37c, postpaid. By express or freight, 5 lbs., \$1.20; 10 lbs., \$2.30.**

**IMPROVED GOLDEN WAX.** This is the very finest selected strain of the Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to Northwestern climatic conditions. The pods are large, fleshy, and entirely stringless. The color is a bright golden. A very early sort, and highly rust resistant. **Pkt., 5c; ¼-lb., 15c; ½-lb., 23c; 1 lb., 37c, postpaid. By express or freight, 5 lbs., \$1.20; 10 lbs., \$2.30.**



Improved Golden Wax

**BUSH LIMAS**

**JACKSON WONDER.** This small seeded, calico colored Lima is the earliest Lima Bean we have ever had in our trials and the most dependable for this section. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 45c, postpaid.**

**FORDHOOK BUSH LIMA.** One of the very earliest of all Limas. Pods of good length and contain from 4 to 5 large, thick, white beans. A wonderful producer and of excellent quality. **Pkt., 5c; ¼-lb., 20c; ½-lb., 30c; 1 lb., 55c, postpaid. By express or freight, 5 lbs., \$2.00.**

**NEW WONDER.** This is a standard variety in the Northwest. It is of compact growth and not inclined to runners as are many Bush Limas. The beans are broad, thin and flat. The flavor is delicate and the yield excellent. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 47c, postpaid.**

**ENGLISH OR BROAD BEANS**

**ENGLISH BROAD WINDSOR.** The heaviest cropping broad bean. Delicious either cooked fresh or as a winter shell bean. **Pkt., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 60c, postpaid.**

## MANGELS OR STOCK BEETS

A necessity for stock and poultry. Mangels, with their enormous yields, furnish body building material and maintain general good health.

**CULTURE**—Sow in April and May in a deep, mellow seed bed, well manured, in drills 18 inches apart and about two inches deep. Four to six pounds are required to the acre.



**Mammoth Long Red**

**MAMMOTH LONG RED**—This is the heaviest cropping and the largest of all mangels with frequent yields of 40 tons per acre. It grows well above the ground and is easily harvested. The deep red roots are straight, well formed and solid. The flesh is pinkish white. This variety is particularly adapted to a deep soil. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 57c, postpaid. By express or freight, 5 lbs., \$2.10.**

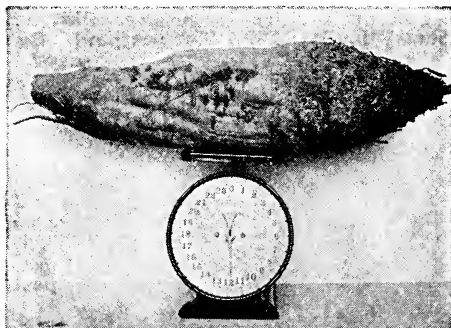
**TAAROJE BARRES**—This superior variety is a product of the Danish system of stock certification which has produced so many wonderful improved varieties. POUND for pound these mangels very nearly equal sugar beets in their dry matter content. They grow largely out of ground, are of a short, thick shape and are very easily lifted. This is probably the highest yielding sort under good conditions. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 62c; postpaid. By express or freight, 5 lbs., \$2.25.**

**GOLDEN TANKARD**—A variety noted for its milk producing properties. The flesh is firm and solid and of a rich golden yellow color. It grows well above the ground and yields well on light soils. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 62c, postpaid. By express or freight, 5 lbs., \$2.10.**

**GIANT RED ECKENDORF**—The Eckendorf Mangel is a phenomenal yielder and is more largely planted in Germany than any other sort. It is easily harvested as the root comes to the largest part above the ground. The roots are smooth, of cylindrical shape, and weigh from 15 to 25 pounds. The flesh is white, firm and of high nutritive value. This is one of the best varieties. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 62c, postpaid. By express or freight, 5 lbs., \$2.25.**

**MAMMOTH GOLDEN GIANT**—This is a yellow mangel with white flesh, somewhat long with most of the root above ground. It is especially notable as being the hardiest sort, withstanding much more severe weather conditions than any of the others. An excellent keeper and good producer, the roots under good conditions reaching tremendous size. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 62c, postpaid. By express or freight, 5 lbs., \$2.10.**

**GIANT HALF SUGAR ROSE**—This is an intermediate type between the sugar beet and mangel, combines sugar content to a degree with the size of the mangel, thus improving the quality of the feed and maintaining the quantity. Rose colored skin, white flesh. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 57c, postpaid. By express or freight, 5 lbs., \$2.10.**



**Golden Giant**

## SUGAR BEET

**CHAMPION WHITE**—A hardy and easily grown white, wedge-shaped sugar beet. This variety combines heavy yield with an extremely high sugar content. The sugar beet is not only a source of sugar but an excellent stock food and a heavy milk producer. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 57c, postpaid. By express or freight, 5 lbs., \$2.00.**

Ask for our special leaflet on making syrup from sugar beets and sorghum.



**Will's Improved Blood Turnip**

slightly lighter shade and lightly zoned. The best first early beet and a good keeper. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 82c, postpaid. By express or freight, 5 lbs., \$3.30.**

**ECLIPSE**—A very early variety with round, bright red roots. The flesh is crimson with pinkish white zones, sweet, crisp and tender. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 40c; 1 lb., 77c, postpaid. By express or freight, 5 lbs., \$3.00.**

## SWISS CHARD

**LUCULLUS**—To our mind the best vegetable that can be raised for greens. The outside leaves are picked off and the plant yields a constant crop from July well into September. The leaves are very large and picking a mess of Swiss Chard for greens is short work. In addition to its value for rich greens, the broad white stems and mid-ribs may be cooked like asparagus or used for pickles. Swiss Chard gives big returns with little care. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 40c; 1 lb., 77c, postpaid.**

My father and I have been buying trees and seeds from your firm for over 40 years and like your goods very much.

A. Ray Sherritt, Hunter, N. Dak.

### CHANGE OF ADDRESS

We shall appreciate notification by our customers of any change in address, as the edition of our year book is limited, and we want it to reach its proper destination.

## BEETS

**CULTURE**—Sow in drills to 15 to 18 inches apart as early as the ground can be worked in the spring. When the plants are large enough to handle, thin to four or five inches apart in the row. One ounce of seed will sow fifty feet of drill; six pounds per acre.

**DETROIT DARK RED**—The best main crop beet. The roots are smooth, medium sized, and globe shaped. The skin is a dark blood red and the flesh is a solid vermilion red with no zoning. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 87c, postpaid. By express or freight, 5 lbs., \$3.70.**

**EARLY WONDER**—This selection from Crosby's Egyptian is not as early as the Will's Improved. The roots are very uniform and more nearly globe shaped with very small top and tap root, dark red skin with deep blood red flesh and very little zoning. A very popular variety with market gardeners and unexcelled for the home garden. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid. By express or freight, 5 lbs., \$4.20.**

**LONG SMOOTH BLOOD**—Best of the long garden beets; drought resistant, a very good keeper and grows until late in the fall. Excellent for sod planting. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 40c; 1 lb., 77c, postpaid.**

### WILL'S IMPROVED BLOOD TURNIP BEET

This is an exceptionally fine strain of Crosby's Egyptian.

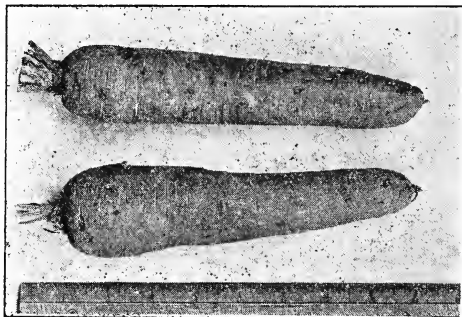
The roots are somewhat flattened though globular and the skin a very dark red in color. The flesh is of a

**Detroit Dark Red**

## WILL'S BEST CARROTS

**CULTURE**—Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, cover one inch deep and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart.

**PRIDE OF DENMARK**—The most uniform and most nearly coreless of any carrot we have ever seen. The carrots are 8 to 9 inches long and nearly the same size the whole length of the root. The color is deep orange. The flesh is tender and of the highest quality. In our nursery planting this variety yielded the most even and best flavored carrots we have ever grown. In raising the seed of this Danish strain, every root is dug, inspected for trueness to type, and either rejected, or transplanted to produce the seed crop. **Pkt., 10c; oz., 25c; ¼-lb., 80c; ½-lb., \$1.55; 1 lb., \$3.00, postpaid.**



Pride of Denmark

**DANVERS HALF LONG**—The best known second early half long sort, a great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close textured flesh and little core. Although the roots are comparatively short, they yield as heavily as the larger sorts. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid. 5 lbs., by express or freight, \$4.00.**



Danvers Half Long

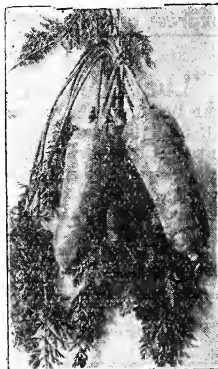
**EARLY HORN**—This very early stump rooted variety is fine grained and of agreeable flavor. It is a favorite for early spring planting and table use. **Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.40, postpaid.**

**FRENCH FORCING**—The earliest variety, used largely for forcing. The tops are small and the roots almost round and about 2½ inches in diameter, orange-red in color. **Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.40, postpaid.**

**CHANTENAY CARROT**—This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with the market gardeners. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.05, postpaid. 5 lbs., by express or freight, \$4.20.**

**IMPROVED LONG ORANGE**—An old standard sort, unusually desirable for either field or garden use. A medium early variety and a tremendous yielder, the roots penetrate deeply enough so that the plant will get moisture even in very dry weather, an important feature in the Northwest. The roots run about 12 in. long and 3 in. in diameter, flesh bright orange, smooth, sweet and fine-grained. A very good keeper. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid. By express or freight, 5 lbs., \$4.00.**

**GIANT WHITE OR BELGIAN**—The stock carrot is one of our best feed crops. It is a remarkably efficient feed for all domestic animals but especially good for horses. This is the heaviest yielding variety. The roots are about 16 inches long, white under ground and green above. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 75c, postpaid. 5 lbs., by express or freight, \$3.00**

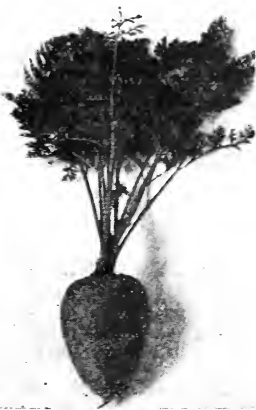


Chan nay

Your garden seeds do better in this climate than the seeds from any other companies.—Mrs. George Zink, Wasilla, Alaska.

## CARROTS

**OXHEART OR GUERANDE**—We do not hesitate to call this the most valuable variety in existence. It is intermediate as to length and from 4 to 5 inches in diameter. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. Its roots continue of best flavor throughout the season and, where other varieties have to be dug, are easily pulled. This wonderful sort has yielded as high as 1,200 bushels to the acre. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid. 5 lbs., by express or freight, \$4.00.**



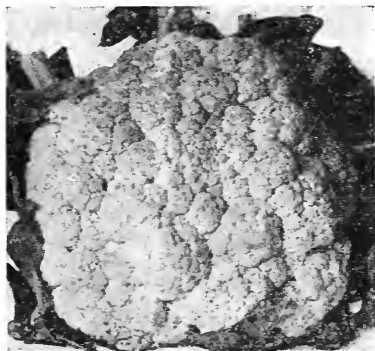
Oxheart

## CAULIFLOWER

**One of the Most Profitable Crops for Market and Small Gardeners**

**CULTURE**—Cauliflower culture is practically the same as that of cabbage. One ounce of seed will produce about 4,000 plants. Seed is started in cold frame and plants set in field during May or early in June. In spite of the general belief cauliflower is nearly as easy to raise as cabbage. **Our pedigreed Danish cauliflower seed is the best you can buy anywhere.**

**DANISH PERFECTION**—This is the **earliest cauliflower grown**; heads small, round and uniform, quality excellent, keeping quality good. Can be placed on the market early to command the best price and is unexcelled for the home garden. A sure header, the inner leaves curl over, largely doing away with the need of tying up the heads. **Pkt., 10c; oz., \$2.25.**



Danish Perfection

**LARGE EARLY ERFURT**—One of the leading varieties for market and private use. For reliability of heading, size and solidity of head, it has no superior. The plants are dwarf, and while the outer leaves are erect, the inner ones lap over the heads, fully shading them from the sun and preserving them a beautiful snowy white. **Pkt., 10c; oz., \$1.60, postpaid.**



Snowball

**SNOWBALL**—The most productive early variety that can be grown, and hence very popular with those who grow for the market. Uniform medium sized, pure white heads of fine quality. Of the Early Paris type but very much superior. It has given us exceptional results in our own plantings. **Pkt., 10c; oz., \$2.00.**

**DRY WEATHER OR DANISH GIANT**—This variety is two weeks later than our strain of Snowball, of heavier growth, with larger heads. It will stand more hot dry weather than any other sort of its season. **Pkt., 10c; oz., \$2.25.**

**For Cauliflower Plants See Page 73.**

## CABBAGE

**CULTURE**—For very early use sow the seed in hotbed or in boxes in the house. The best and hardiest plants may be produced by sowing seed in cold frames outside after danger of hard freezing is past. Transplant in garden or field when weather will permit, 20 to 30 inches apart for the small, early varieties, and from 2½ to 3½ feet apart for the large, late sorts. Some recommend planting the seeds in the field, 3 or 4 seeds in a hill, and leaving the strongest plant. One ounce of seed will produce about 4,000 plants.

For early use we recommend especially **Golden Acre** and **Copenhagen Market**; for late use, **Danish Ballhead**.

### EARLY VARIETIES

**GOLDEN ACRE**—Earliest of All. This new cabbage is of the Copenhagen Market type but ten days earlier, and is the **earliest round-headed** cabbage. The plants are small, dwarf, and compact. The medium-sized heads are round as balls, solid, very uniform and sweet. This cabbage marks the biggest step since the introduction of Copenhagen Market. **Pkt., 10c; oz., 45c; ¼-lb., \$1.50; ½-lb., \$2.90; 1 lb., \$5.50.**

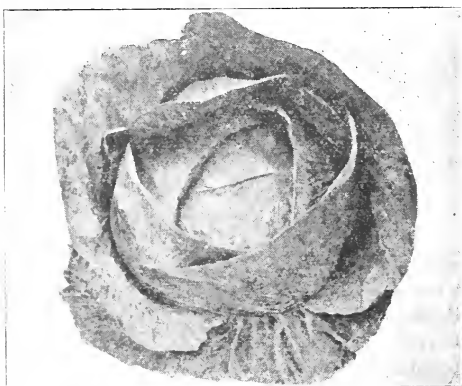
**COPENHAGEN MARKET**—This is in our opinion the **heaviest yielding and best quality** cabbage that can be grown. A tremendous yielder of smooth, round, even-sized heads, valuable for either extra early or main crop use. The plant is short-stemmed and compact, leaves medium light green, thick and smooth, heads averaging about 10 pounds. Our strain is absolutely the best obtainable. **Pkt., 5c; oz., 25c; ¼-lb., 85c; ½-lb., \$1.60; 1 lb., \$3.00.**

**EARLY JERSEY WAKEFIELD**—The most widely known and popular extra early variety. The **conical heads** are solid and the small outer leaves permit of close planting. **Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.45; 1 lb., \$2.75.**

**HENDERSON'S EARLY SUMMER**—Averaging double the size of Jersey Wakefield, this variety is but ten days later. The heads are somewhat flattened, compact and solid. Is one of the best large, second early sorts. **Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.30; 1 lb., \$2.50.**



Copenhagen Market



Will's Early June

**WILL'S EARLY JUNE**—This is the **earliest flat-headed cabbage** in cultivation. The head is solid and shapely, and forms early, making fair-sized heads in from 60 to 70 days from seed. The plant is vigorous, drought resistant, and not subject to disease, which makes it especially desirable for all parts of the Northwest. **Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.45; 1 lb., \$2.75.**

For Cabbage Plants, See Page 73.

I am sending you a picture of my late cabbage. I always sell about \$50.00 worth from one ounce of seed and have plenty for my own use. The rest of the garden is just fine and I am more than satisfied with your seeds. I am an old customer of yours and hope to continue for many years to come.—Mrs. M. Thelen, Arago, Minnesota.

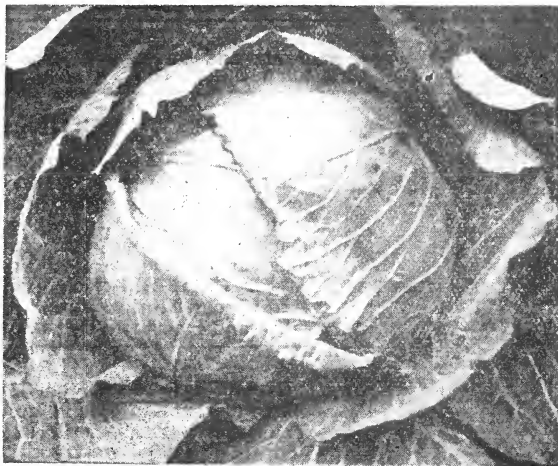
**EARLY WINNINGSTADT**—An old favorite; its hardiness permits early planting. It is the hardest heading of any of the early cabbages and is the surest cropper under adverse conditions. The heads are broad, pointed, and suffer less from the cabbage worm than most other sorts. **Pkt., 5c; oz., 20c; ¼-lb., 73c; ½-lb., \$1.45; 1 lb., \$2.75.**

I wouldn't use any seeds but yours no matter where I lived. I used them in Montana and I also use them in Wisconsin, and everyone remarks about my garden, it is so far ahead of theirs. It's only because I get good seed. Winningstadt Cabbage is grand.—Mrs. Jay Honstain, R. No. 2, Elkhart Lake, Wisconsin.

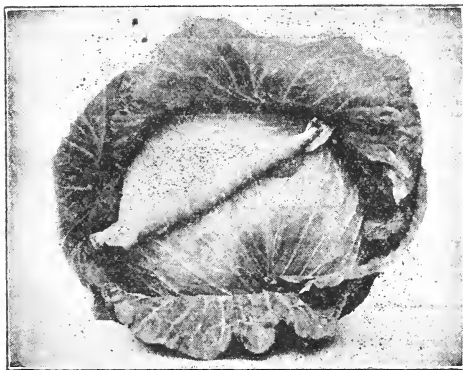
**GLORY OF ENKHUIZEN**—Next to the Copenhagen Market, this is perhaps the most universally popular cabbage with both growers and users. It is later than the former, being intermediate between it and the Premium Flat Dutch. Plant is short-stemmed, heads large, round and very solid, with very few outer leaves. **Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.45; 1 lb., \$2.75.**

## LATE CABBAGE

**DANISH BALLHEAD**—(Short Stem or Hollander.) This variety is one of our specialties. It is one of the hardiest and the heads weigh more for their size than any other sort we have ever tried. The round, pale blue-green heads will average from 8 to 10 inches in diameter, crisp, tender and sweet, unexcelled for slaw and sauerkraut. While drought resistant, it will not rot in wet seasons. A great keeper and to our minds the best late cabbage. **Pkt., 5c; oz., 25c; ¼-lb., 85c; ½-lb., \$1.60; 1 lb., \$3.00.**



Danish Ballhead



Selected Premium Flat Dutch

**WILL'S SELECTED PREMIUM FLAT DUTCH**—The largest of the standard late varieties, low growing and a sure header. The flattened heads are bluish green, compact, of handsome appearance, and fine quality. Deservedly this is the most popular of the late flat-heading sorts. **Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.25; 1 lb., \$2.45.**

**RED DRUMHEAD**—The largest and best red cabbage. A sure header, the heads are round, solid, and deep red in color to the center. **Pkt., 5c; oz., 25c; ¼-lb., 75c.**

**PERFECTION DRUMHEAD SAVOY**—The Savoy's are of better quality than ordinary Cabbage and should be more generally grown. This is the best winter keeper of the Savoy's with round, compact and solid dark green heads with coarsely crimped leaves. **Pkt., 10c; oz., 30c; ¼-lb., 80c; 1 lb., \$3.00.**

"Vegetables from your seed brought me six 1st and three 2d prizes at our community and County fair."—Mrs. A. T. Larson, Antelope, Montana.

**Why Bugs Leave Home.** Prepare for Cabbage Worms by purchasing Slug Shot or Garden Guard with your seed. See page 92. Dust as soon as you see white moths hovering over a Cabbage.

**BORECOLE OR KALE**

**GREEN CURLED or SCOTCH**—This is more hardy than cabbage and makes excellent greens for fall and early spring. A good frost improves the quality. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

**BROCCOLI**

**ST. VALENTINE**—Broccoli is practically a late Cauliflower though much hardier and of less delicate flavor. Our strain is the best American grown. Grown extensively in the Pacific Northwest for shipment to eastern markets when their homegrown crop of Cauliflower is exhausted. **Pkt., 10c; oz., \$2.00.**

**BRUSSELS SPROUTS**

**PARIS MARKET**—This is by far the most delicately flavored of the cabbage family. Our strain is of half dwarf growth, bearing handsome, solid, round sprouts of best quality crowded together on the stalks. **Pkt., 10c; oz., 20c; ¼-lb., 70c; 1 lb., \$2.40.**

**CHERVIL**

**CURLED**—More handsome and finely curled than parsley and useful in garnishing. Our strain is very early and finely flavored. **Pkt., 10c; oz., 20c; ¼-lb., 60c; 1 lb., \$2.00, postpaid.**

**CHINESE CABBAGE**

**SUREHEAD**—The Surehead strain of this wonderful salad plant has been developed at the North Dakota Experiment Station by Professor A. F. Yeager. **Withstands heat better** and is a **surer header** than any other sort. Best results the last season were secured by planting about June 20th. In a planting near Bismarck many of the long narrow heads weighed 5 to 6 pounds. **Pkt., 15c.**

**PE TSAI—PEKING.** This is the best strain of Chinese grown seed for our Northwest conditions. The heads are long, compact and crisp, and blanch without tying. **Pkt., 10c; oz., 40c; ¼-lb., \$1.50.**

**CHICORY**

**LARGE ROOTED or COFFEE**—The roots, dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. The leaves make an excellent salad for early spring use. **Pkt., 5c; oz., 15c; ¼-lb., 50c, postpaid.**

**CORN SALAD**

**LARGE ROUND LEAVED**—This is a small, quick-growing salad plant for late fall or early spring. It may also be cooked for greens. **Pkt., 5c; oz., 20c; ¼-lb., 70c, postpaid.**

**CRESS**

**UPLAND**—Its leaves impart an agreeable and pungent taste to salads, and are also used for garnishing. **Pkt., 5c; oz., 20c; ¼-lb., 65c, postpaid.**

**ENDIVE**

**MAMMOTH GREEN CURLED**—The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. **Pkt., 5c; oz., 15c; ¼-lb., 45c, Postpaid.**

**KOHL RABI**

**EARLY WHITE VIENNA**—This best Kohl Rabi for table use is extra early and easily grown. The very light green or nearly white bulbs are firm and distinctly sweet, and when cooked are crisp, tender and most delicate and tasty. **Pkt., 5c; oz., 20c; ¼-lb., 70c.**

**LEEK**

**LARGE LONDON or FLAG**—Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. **Pkt., 10c; oz., 20c; ¼-lb., 75c, postpaid.**

**GOURDS**

**NEST EGG**—Resembling in color, shape and size the hen's egg. Do not crack, last for years and make the best nest-eggs. Rapid grower and good climber, extremely ornamental and useful in covering screens, etc. **Pkt., 5c; oz., 20c; ¼-lb., 70c, postpaid.**

**NEW JAPANESE DISHCLOTH or LUFFA**—Ornamental enough for a house vine and fruit is very useful. Fruit enormous, two feet in length and borne in great profusion. The lining of mature fruit, when washed and bleached, is porous, elastic and sponge-like, making the nicest, cleanest substitutes for dish-cloths and bath sponges imaginable, besides being useful for various articles of fancy work. **Pkt., 5c; oz., 25c; ¼-lb., 70c, postpaid.**



Chinese Cabbage



White Vienna Kohl Rabi

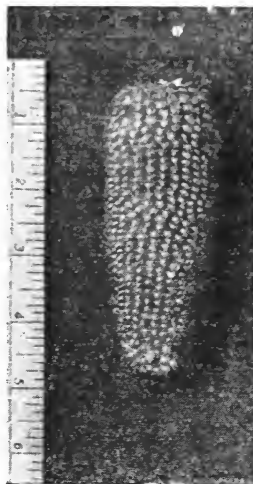
## POP CORN

**IRIQUOIS**—This is a variety of the rice type, obtained from the Iriquois Indians of New York several years ago. It has proved much earlier than the ordinary White Rice and a good yielder as well. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 40c, postpaid.** By express or freight, 5 lbs., \$1.00.

**GOLDEN TOM THUMB**—This is the very earliest variety of Pop Corn grown, and so is exceptionally valuable in the Northwest. Not a heavy yielder and the ears are small, but the quality is excellent and it never fails. **Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 40c, postpaid.** By express or freight, 5 lbs., \$1.00.

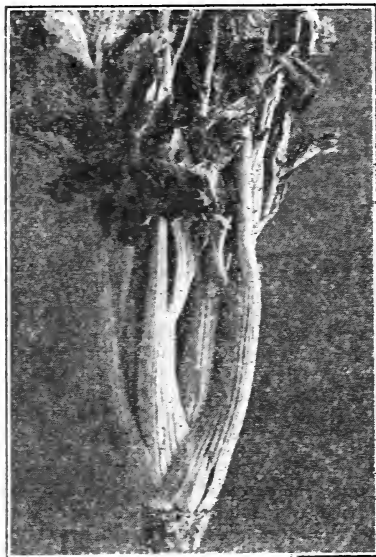
**WHITE RICE**—Pearly white, rice shaped kernels. We furnish only northern grown seed of the earliest type. No other will mature in the Northwest. **Pkt., 5c; ¼-lb., 10c; ½-lb., 20c; 1 lb., 32c, postpaid.** By express or freight, 10 lbs., \$1.25.

**JAPANESE HULLESS**—Of wonderful quality for popping, this variety sells at a premium over other sorts and is the only kind to plant if you raise pop corn to sell. The ordinary strains are too late for this section, but our own early strain has ripened here for the past eight years. **Pkt., ¼ lb., 15c; ½-lb., 25c; 1 lb., 37c, postpaid.** By express or freight, 5 lbs., 90c.



Japanese Hulless

## CELERY



Golden Self-Blanching

**CULTURE**—Sow the seed (which is slow to germinate) in shallow boxes in the house early in the spring. One-eighth inch of soil to cover is sufficient. Transplant to open ground in June or July. Set plants in rows 3 feet apart and 5 inches apart in the rows, in ground thoroughly enriched and cultivated. Until middle of August plants need nothing but water and cultivation. Earthing up may then begin and continue as long as the plants grow. At approach of severe freezing weather plants should be dug and may be stored in a dark, cool cellar, standing upright with the roots in a little moist sand.

**GOLDEN PLUME or WONDERFUL**—This selection from Golden Self Blanching has the crispness and nuttiness of that variety, but is earlier, larger and of ranker growth, and blanches more quickly. It is apparently most resistant to rust and disease and withstands heat better. Not a winter keeper. It is a beautiful gold in color, brittle and of highest table quality. **Pkt., 15c; oz., \$1.50; ¼-lb., \$5.50.**

**GOLDEN SELF-BLANCHING CELERY**—This is one of the best sorts to plant for the market. It is not quite so early as White Plume but the plants are heavier and of more compact growth. Like White Plume, too, it is self-blanching, but the color is a richer golden yellow. Nearly stringless, the stalks are thick, crisp and brittle, while for flavor this sort is unsurpassed. **Pkt., 10c; oz., 30c; ¼-lb., \$1.10; ½-lb., \$2.10; 1 lb., \$4.00, postpaid.**

**WHITE PLUME**—One of the earliest varieties and most easily blanched. While not a very good keeper, it is one of the best sorts for fall and early winter. It

grows rapidly and blanches readily during the summer. In fact the inner part of the stalk really needs no blanching at all, though the outer leaves are made more tender by it. **Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.30; 1 lb., \$2.50; postpaid.**

**CELERIAC or TURNIP-ROOTED CELERY**—This is a celery of which only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. **Pkt., 5c; oz., 20c; ¼-lb., 50c.**

**GIANT PASCAL**—A compact, vigorous sort, a good keeper and one of the best varieties for fall and winter. **Pkt., 5c; oz., 20c; ¼-lb., 65c; ½-lb., \$1.15; 1 lb., \$2.25, postpaid.**

**WINTER QUEEN**—A very solid and crisp variety with double the amount of heart of any known celery. One of the very best keeping varieties. **Pkt., 5c; oz., 20c; ¼-lb., 65c; ½ lbs., \$1.15 1 lb., \$2.25, postpaid.**

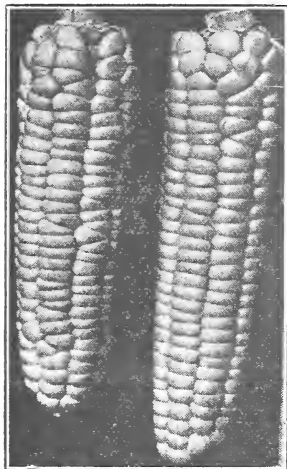
For Celery Plants See Page 73.



## Our Specialty **SWEET CORN** Our Specialty

**CULTURE**—Plant in drills about three feet apart one kernel every six inches, or in hills  $2\frac{1}{2}$  feet apart in the row, and the rows  $3\frac{1}{2}$  feet apart, dropping four or five kernels in a hill. Sweet corn of any sort should not be planted until the ground has become warm, as cold, wet ground is sure to rot the seed before it can germinate.

One-fourth pound to 100 hills; 10 pounds per acre. One pound of sweet corn is a little more than a pint.



Will's Early June

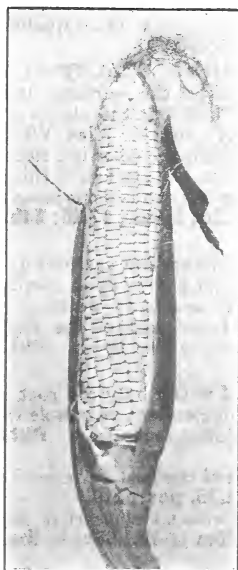
### VARIETIES LISTED IN ORDER OF EARLINESS

**EARLY PICKANINNY**—A new introduction from the Canadian Experiment Station, and we believe it to be the **earliest sweet corn in existence**; a week earlier than our Early June, though the ears are smaller and the color—black—not so desirable for market. **A wonderful home garden sort.** Pkt., 10c;  $\frac{1}{4}$ -lb., 20c;  $\frac{1}{2}$ -lb., 35c; 1 lb., 55c, postpaid.

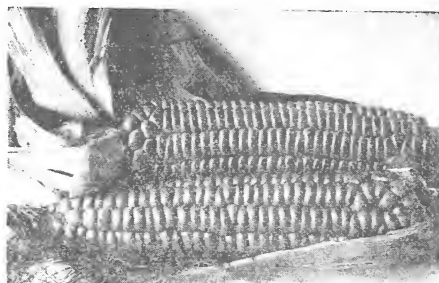
**BANTING**—The **earliest yellow Sweet Corn**, developed in Canada. A few days later than Pickaninny; the ears are about 5 inches long. Pkt., 10c;  $\frac{1}{4}$ -lb., 25c;  $\frac{1}{2}$ -lb., 45c; 1 lb., 80c, postpaid.

**YELLOW ASSINIBOINE**—Not a Sweet Corn, but an eight-rowed flour corn bred by us from the Assiniboine Squaw Corn of Canada. The flour corns are nearly equal to Sweet Corn in flavor, so that with long, handsome ears and extreme earliness this is a very valuable variety. Pkt., 5c;  $\frac{1}{4}$ -lb., 15c;  $\frac{1}{2}$ -lb., 22c; 1 lb., 32c, postpaid. **By express or freight, 5 lbs., 70c; 10 lbs., \$1.20; 50 lbs., \$4.50; 100 lbs., \$8.50.**

**WILL'S EARLY JUNE**—(Registered U. S. Patent Office.) **The Earliest White Sweet Corn**—A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious sweet corn. The white, eight-rowed ears are from  $4\frac{1}{2}$  to 6 inches long. Pkt., 5c;  $\frac{1}{4}$ -lb., 15c;  $\frac{1}{2}$ -lb., 22c; 1 lb., 32c, postpaid. **By express or freight, 5 lbs., 75c; 10 lbs., \$1.40; 50 lbs., \$6.50; 100 lbs., \$12.00.**



Sunshine



Nuetta

### **NUETTA—The Hardest Sweet Corn.**

A North Dakota native product as we obtained our original seed from a Mandan Indian fifteen years ago. The dried seed is red, but when fit for eating the ears are a rich golden yellow. Yielding well under harsh, dry conditions, meeting the stiff requirements of the mountain country, giving excellent results in the moist climate of the Pacific Coast, Nuetta is the most productive variety that we have. Pkt., 5c;  $\frac{1}{4}$ -lb., 15c;  $\frac{1}{2}$ -lb., 22c; 1 lb., 32c, postpaid. **By express or freight, 5 lbs., 90c; 10 lbs., \$1.60; 50 lbs., \$6.50; 100 lbs., \$12.00.**

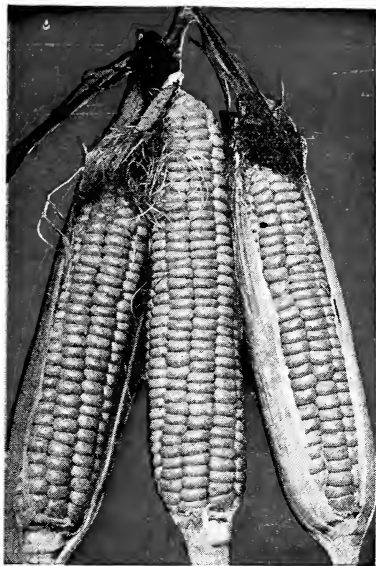
**SUNSHINE**—(See back cover.) A golden cross developed by Professor A. F. Yeager of the North Dakota Experiment Station, with twelve rowed ears, seven to eight inches long. In our plantings, ten days earlier than the earliest strain of Golden Bantam and much larger, this is the closest to the Bantam in quality of any of the golden crosses. A great corn for the home garden and one the market gardener needs. Pkt., 10c;  $\frac{1}{4}$ -lb., 20c;  $\frac{1}{2}$ -lb., 30c; 1 lb., 50c, postpaid. **By express or freight, 5 lbs., \$1.75; 10 lbs., \$3.00; 50 lbs., \$13.50; 100 lbs., \$26.00.**

**See Page 3 for Our Sweet Corn Collection.**



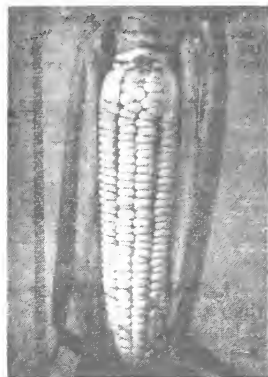
## SWEET CORN

**IMPROVED EARLY DAKOTA**—This northern grown selection of Mammoth White Cory comes in after Nuetta.



**Golden Bantam**

Combining size with earliness, it is the largest of the extra early sorts and one of the best. The white ears are 10 to 12 rowed, 7 to 8 inches long, borne two to a stalk. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., 90c; 10 lbs., \$1.75; 50 lbs., \$8.00; 100 lbs., \$15.50.**



**Improved Early Dakota**

### **GOLDEN BANTAM**

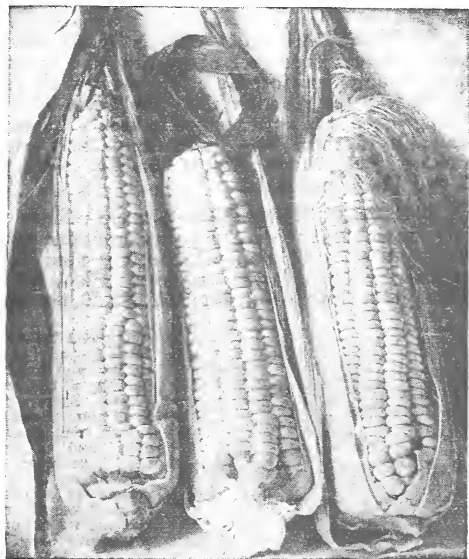
— The finest sweet corn in cultivation and the most popular. It is the sweetest and tenderest, a heavy producer, and the ears remain edible for an unusually long time. Our Burleigh and Morton County grown seed is as good as the best. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 32c, postpaid. By express or freight, 5 lbs., 80c; 10 lbs., \$1.50; 50 lbs., \$6.50; 100 lbs., \$12.00.**

**WILL'S BANANA CREAM**—This medium late variety follows Golden Bantam and was first introduced by us in 1897. It is an unusually delicious table corn with large well filled ears, which remain fit for table use longer than those of any other variety we have ever tested. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 32c,**

**STOWELL'S EVERGREEN**—This old reliable, late, tall growing sort is perhaps the great standard main crop. The ears are large, usually 16 rowed, with very sweet deep white kernels. Besides its table uses the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. **Pkt., 5c; ¼-lb., 15c; ½-lb., 22c; 1 lb., 35c, postpaid. By express or freight, 5 lbs., 80c; 10 lbs., \$1.75; 50 lbs., \$7.75; 100 lbs., \$15.00.**

I want the Nuetta Sweet Corn. I have planted it for several years and find it out-bears them all here and is the earliest.—Tessie H. Kennedy, Ekalaka, Mont.

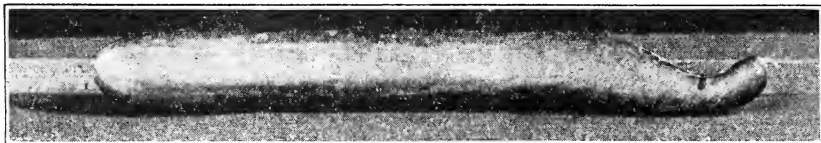
Aug. 5, 1927. We have today our first mess of Pickaninny sweet corn grown from your seed. It is much better quality than we expected and much earlier than anything we ever had before.—C. Clifton Lufkin, Rockland, Me., R. 1.



**Stowell's Evergreen**

## WILL'S CUCUMBERS

**CULTURE**—As soon as the weather becomes warm and settled in the spring, plant in well-prepared soil in hills four or five feet apart each way with eight or ten seeds in a hill; cover one-half inch deep with soil well firmed to prevent too rapid evaporation. When plants are well developed weed out all but four or five of the strongest. Thorough but shallow cultivation is essential. One ounce of seed will plant about eighty hills.



20 1/2 Inches of Longfellow

**LONGFELLOW or CHINA LONG**—This new variety from China is of finer quality than any other Cucumber we have ever tried. The early ripening fruits commonly reach 20 inches in length and average but 2 inches in diameter. The skin is dark green and smooth. The flesh is firm, white, crisp, and unexcelled for slicing. **Pkt., 10c; oz., 55c; 1/4-lb., \$2.00, postpaid.**



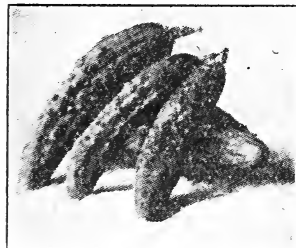
Improved Long Green

**DAVIS PERFECT**—A grand variety. Dark, glossy green, slim and symmetrical, with an average length of 10 to 12 inches. They hold color till nearly ripe, when they turn white without a yellow streak on them. Quality fine, as seeds are very soft when fit for table use. Very tender, brittle and of exceptional flavor. **Pkt., 5c; oz., 15c; 1/4-lb., 40c; 1/2-lb., 70c; 1 lb., \$1.30, postpaid.**

**IMPROVED LONG GREEN**—This old favorite variety is unequalled among the later sorts. The rich dark green fruits average 12 inches long with crisp white flesh. The standard of table quality and unexcelled for pickles when small. Our stock is superior. **Pkt., 5c; oz., 15c; 1/4-lb., 45c; 1/2-lb., 75c; 1 lb., \$1.40, postpaid.**

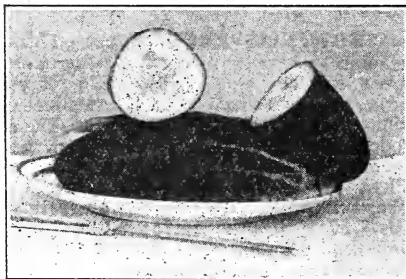
**EARLIEST OF ALL**—This is by all odds the very earliest cucumber of quality in cultivation, and has only been introduced for the past six years. At least a week earlier than the Early Fortune, though not as fine a fruit or good a keeper. Especially valuable to those who desire to be first on the market. **Pkt., 5c; oz., 12c; 1/4-lb., 35c; 1/2-lb., 65c; 1 lb., \$1.25, postpaid.**

**CHICAGO PICKLING**—The old reliable variety for making small pickles; very profitable variety for those who sell to canners as it is used almost exclusively by the largest factories. **Pkt., 5c; oz., 12c; 1/4-lb., 35c; 1/2-lb., 65c; 1 lb., \$1.20, postpaid.**

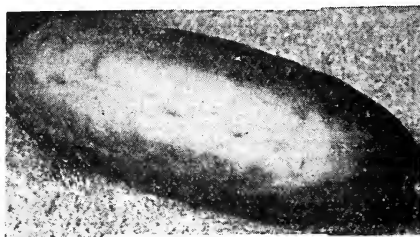


Chicago Pickling

**ARLINGTON WHITE SPINE**—One of the earliest and most productive of the famous White Spine group. Fruit about seven inches long, rounded at both ends, and of bright, deep green color. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. **Pkt., 5c; oz., 12c; 1/4-lb., 35c; 1/2-lb., 65c; 1 lb., \$1.20, postpaid.**



Earliest of All



Arlington White Spine

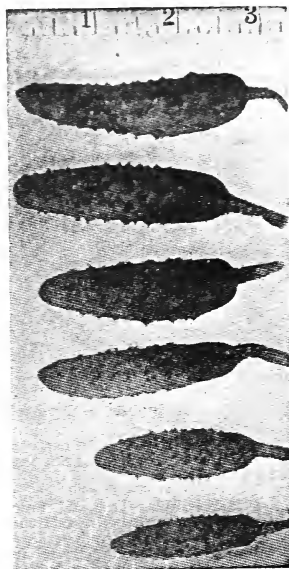
## WILL'S CUCUMBERS



Early Fortune

**EARLY FORTUNE**—Each year serves to demonstrate further the superiority of this superb variety. Extra early, of perfect quality for eating and shipping, uniform and well shaped for small pickles, with strong, healthy foliage and a vigorous growth which proves its strong resistance to all diseases. Does not wilt quickly, nor ripen up too fast, and is a tremendous yielder. In trials with all other American varieties it has stood out as supreme. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 70c; 1 lb., \$1.35, postpaid.**

**JAPANESE CLIMBING**—A producer of long, well-shaped fruits; especially adapted to growing on a trellis because of its strong vines and tendrils. This method insures better shaped fruits, reduces disease, and is particularly necessary in moist climates where well shaped fruits cannot otherwise be grown. **Pkt., 5c; oz., 20c; ¼-lb., 55c; ½-lb., \$1.00; 1 lb., \$1.90, postpaid.**



Early Fortune, Pickling Size

**EARLY CLUSTER**—A pickling type often setting fruit in clusters of 2 or 3. **Pkt., 5c; oz., 12c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.20.**

**WHITE WONDER**—A splendid white variety. One of the handsomest cucumbers. The cucumbers are ivory white in color, of good keeping quality and average about eight inches in length and two and one-half inches through. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 75c; 1 lb., \$1.40, postpaid.**

**WEST INDIA GHERKIN**—An old and very popular pickling variety. Remarkable for its small, short fruits which are produced in wonderful abundance. **Pkt., 5c; oz., 20c; ¼-lb., 65c; ½-lb., \$1.15; 1 lb., \$2.25, postpaid.**

## EGG PLANT

**CULTURE**—Sow the seed (which is slow to germinate) in hot bed or in pots or boxes in the house early in the spring. When all danger of frost is past, transplant in the open ground 2½ to 3 feet apart each way.

Care must be taken not to allow the plants to be checked in growth. Watering may be necessary in extremely dry years but this delicious vegetable will repay any trouble taken and should be in every garden.

**EXTRA EARLY DWARF**—This is the very earliest egg plant grown, ripening nearly two weeks before any of the late sorts. The fruit is perhaps even more delicious than the larger sorts, and it is altogether an exceedingly satisfactory sort for our section. **Pkt., 10c; oz., 50c; ¼-lb., \$1.75, postpaid.**

**BLACK BEAUTY**—This is the very earliest of the large type egg plant and is an excellent variety as well for several other reasons. The fruit is a very uniform dark purple, the size is large and uniform and the color and texture hold for an unusually long time. **Pkt., 10c; oz., 50c; ¼-lb., \$1.75, postpaid.**



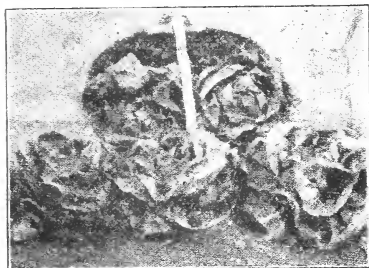
Extra Early Dwarf

For Egg Plant Plants, See Page 73.

## PIONEER BRAND LETTUCE

**CULTURE**—For very early use the seed may be sown in hotbed, and as soon as the warm weather permits, may be sown in the open ground, in rows 18 inches apart and not over one-half inch deep. If planted too deep the seed will not germinate. Sow every two or three weeks for a succession. One ounce for 200 feet of drill.

### CURLED OR LOOSE HEAD VARIETIES



Early Curled Simpson

**EARLY CURLED SIMPSON**—An old favorite and perhaps our best leaf lettuce for outdoor planting. The green leaves are broad, much crinkled, crisp and tender. Very early, it keeps in prime condition and **does not run to seed as quickly** as many of the early sorts. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 80c; 1 lb., \$1.50, postpaid.**

**GRAND RAPIDS FORCING**—The favorite loose leaved forcing lettuce, and **fine for early planting** outside in this section. The leaves are light green, blistered and crumpled, with heavily fringed borders. **Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., 95c; 1 lb., \$1.75, postpaid.**

**DETROIT MARKET GARDENER**—This variety is well adapted for outdoor growing or for forcing in the greenhouse and hotbed. Its best quality is perhaps its **ability to stand high temperatures** which makes it an ideal variety for second sowings in the home garden. The plant is compact, light green in color, with crisp, tender leaves. **Pkt., 10c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.25; 1 lb., \$2.25, postpaid.**

**TOMHANNOCK**—An early erect variety. The leaves are very large, much blistered and crumpled, deep bright brown shading to a light green inside, crisp and fine flavored. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 80c; 1 lb., \$1.40, postpaid.**

**PRIZEHEAD**—This old favorite is undoubtedly the most easily grown variety in cultivation and excellent for the home garden. It is early, compact in growth, and stands heat. The leaves are much crumpled and frilled, bright green, tinged with brownish red, very crisp and tender. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 90c; 1 lb., \$1.70, postpaid.**

### HEADING VARIETIES

**MIGNONETTE**—The earliest heading sort we have ever tried, fit for use 6 days before May King. The heads are small and the outer leaves are medium dark brown with a dark greenish tinge. Probably the most delicate in flavor and tender in texture of the crisp varieties, this is slow to shoot to seed for so early a sort. Very reliable for spring and fall sowing and one of the most compact and hardest heading of all lettuces. Not a market gardener's variety, but its earliness and quality make it one of the very best sorts for the home garden. **Pkt., 10c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.40; 1 lb., \$2.50, postpaid.**

**MAY KING**—An extremely early, compact heading variety. The leaves are a light yellowish green, just tinged with brown. Inner leaves blanch a golden yellow. The quality is fine and it is perhaps the best head lettuce for this section. **Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., 95c; 1 lb., \$1.60, postpaid.**

**EARLY BLACK SEEDED TENNISBALL—SALAMANDER**—One of the most reliable, sure heading sorts. The heads are large, solid and of fine quality. The outside leaves are a clear dull green, broad and crumpled. The State Agricultural College reports that this variety was the only one in their trials that headed during the summer of 1921. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 85c; 1 lb., \$1.45, postpaid.**



Black Seeded Tennisball



Prizehead

**CRISP-AS-ICE—HARTFORD BRONZE HEAD**—One of the best varieties for the home garden, an excellent buttery sure-header of delicate flavor and tender quality. The compact heads are of medium size, dark green overlaid with bronze in color. In our trials in 1926 this sort seemed to withstand the drouth better than any other. Slow to go to seed. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 80c; 1 lb., \$1.50, postpaid.**

**ICEBERG**—A large, crisp, cabbage-heading variety of good quality. The heads are firm and well blanching. The outer leaves are crumpled and blistered, in color a medium green with a faint brown tinge on the border. **Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., \$1.00; 1 lb., \$1.90, postpaid.**

**BROWN DUTCH**—A hardy variety with medium sized, good quality heads, the outer leaves of which are dark green overlaid with bronze red. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 80c; 1 lb., \$1.40, postpaid.**

**NEW YORK OR WONDERFUL**—A large variety of fine quality, more largely planted by commercial growers of head lettuce than any other sort. The heads are very solid, of finest quality, with outer leaves a rich dark green. It withstands heat and is one of the best heading sorts for the home garden. This variety is known in some localities as Los Angeles. **Pkt., 10c; oz., 20c; ¼-lb., 75c; ½-lb., \$1.40; 1 lb., \$2.50, postpaid.**

**BIG BOSTON**—Early, large, bright green heads, lightly tinged with brown on the outer leaves, hardy and vigorous. One of the most popular and widely grown varieties. The plants are large, hardy and vigorous. The outer leaves are broad, relatively smooth, and crisp; in color a light green tinged with brown. The heart blanches a greenish white tinged with yellow. **Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., 95c; 1 lb., \$1.60, postpaid.**

**IMPROVED HANSON**—One of the most reliable, sure heading sorts. The heads are large; the leaves clear green, blistered and crumpled with frilled borders. For planting outdoors this is one of the very best sorts, as it withstands heat and drouth and is a slow seeder. We recommend this variety. **Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., 95c; 1 lb., \$1.60, postpaid.**



Improved Hanson

**PARIS WHITE COS**—This is a distinct type of lettuce with a conical, rather tight head, dark green in color with smooth, thick leaves. Blanches to a beautiful white inside when it becomes exceedingly crisp and sweet. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 80c; 1 lb., \$1.45, postpaid.**

I have used your seeds for 20 years. Have tried others now and then but find yours most satisfactory.—Mrs. Edward P. Cartwright, Box 32, Savage, Montana.

## PEPPER

**CULTURE**—Sow the seed (which is slow to germinate) in hotbed or boxes in the house. When large enough transplant into other boxes and pots, and, when all danger of frost is past, transplant in the open ground in rows 2½ feet apart, setting the plants about 18 inches apart in the row.

**HARRIS' EARLY GIANT**—The Largest Early Pepper Grown. This is the first very large sweet pepper that will produce good crops in the northern part of this country. The plants are vigorous and the fruits average 5 inches long by 3½ inches through, dark green turning to brilliant red. This is a very worth while introduction. **Pkt., 15c; ½-oz., 65c; oz., \$1.20.**

**HARRIS' EARLIEST**—The Earliest Pepper. Earlier and more productive than Neapolitan; the plants are dwarf and compact with fruits averaging 3½ inches long by 2½ inches through. The flesh is thick and mild. The only sure variety in unfavorable seasons. **Pkt., 10c; oz., 75c.**

**NEAPOLITAN**—Previous to the introduction of Harris' Earliest, generally regarded as the best pepper for the Northwest and two weeks earlier than any other sort. The fruit is four inches long and two inches thick, a bright red when ripe. It is one of the sweetest and mildest varieties and excellent for use when green. A very heavy yielder. **Pkt., 10c; oz., 55c.**

**TOMATO-SQUASH or SUNNYBROOK**—The fruits are Tomato shaped, about 2 inches in diameter, with very thick and extremely mild flesh. The deep green fruits ripen to a bright red. This variety is medium early and excellent for stuffing and salads. **Pkt., 10c; oz., 55c.**

**RUBY KING**—One of the most dependable and satisfactory varieties for both home and market gardens. **Pkt., 10c; oz., 50c.**

**CHINESE GIANT**—One of the largest of the mild red varieties. Quite late. **Pkt., 10c; oz., 65c.**

**RED CAYENNE**—Long, red, strong and pungent. **Pkt., 10c; oz., 50c.**



Harris' Earliest

For Hardy PEPPER PLANTS See Page 73.

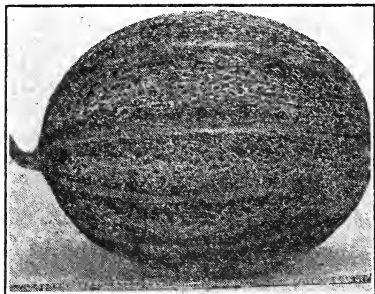
## OKRA

**DWARF GREEN**—A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. **Pkt., 5c; oz., 10c; ¼-lb., 25c, postpaid.**

## Will's MUSKMELONS Will's

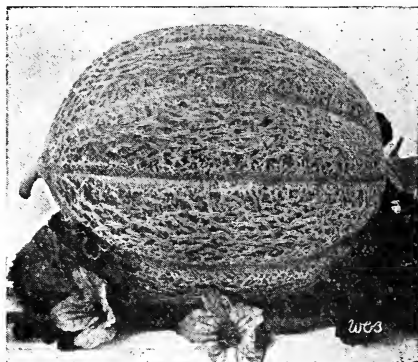
**CULTURE**—When the ground has become warm, plant in hills, four or five feet apart each way, 6 to 12 seeds in a hill. When danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly the whole season, but not to exceed two inches deep, keeping the surface as smooth as possible. **Only our early, hardy melons are worth planting in the Northwest.** One ounce of seed to fifty hills: 2 or 3 pounds per acre.

**EXTRA EARLY OSAGE**—This is the **earliest salmon fleshed variety** and one of the very best sorts grown. The oval fruit is dark green, slightly ribbed and grey netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick with small seed cavity. A grand sort for Northwestern conditions; ideal for the home garden and a money maker for the market gardener. **Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1 lb., \$1.50, postpaid.**



Extra Early Osage

**EXTRA EARLY KNIGHT**—(Sweet Air). The earliest muskmelon of quality we have ever had on trial. It is medium in size, oblong in shape, distinctly ribbed and well netted. The flesh is fairly thick and **very sweet**, a medium green in color blending to a light pink near the center. We consider this one of the very best varieties for the Northwest and our strain is superior. **Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 75c; 1 lb., \$1.40, postpaid.**



Extra Early Knight

**EMERALD GEM**—An extremely early sort. The fruit is a rich emerald green. It is globular in shape and irregularly ribbed. The flesh is very thick, **salmon colored, sweet and luscious**. The vines are hardy and very prolific. One of the best melons for home garden and local market. **Pkt., 5c; oz., 12c; ¼-lb., 40c; ½-lb., 75c; 1 lb., \$1.40, postpaid.**

**GREELEY WONDER**—This is the **earliest** variety bearing **large melons** in our trials. The fruit is lightly netted, heavily ribbed, with very thick orange-salmon flesh of the finest quality. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 85c; 1 lb., \$1.50, postpaid.**



Emerald Gem

**MILLER'S CREAM**—One of the best flavored varieties in cultivation and a favorite main crop sort for market gardeners and home use. The fruits are medium sized, oval, dark green, slightly ribbed and grey netted. The orange flesh is very thick. This variety **holds its rich flavor** much longer than most other sorts. **Pkt., 5c; oz., 12c; ¼-lb., 40c; ½-lb., 75c; 1 lb., \$1.40, postpaid.**

**VINE PEACH**—(Vegetable Orange or Mango Melon). This prolific fruit is the size of a medium orange and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a peach. **Pkt., 5c; oz., 20c; ¼-lb., 50c, postpaid.**

**GARDEN LEMON**—The fruit is smaller than the Vine Peach, which it resembles in growth, but has thinner flesh and more acid flavor. It is a novelty of value. **Pkt., 5c; oz., 20c; ¼-lb., 50c, postpaid.**

Your seed has proven to be well adapted to this part of the country as you carry the early varieties which mature. This I say from experience with melons, tomatoes, sweet and field corn.—E. F. Samuelson, Chugwater, Wyo.



## MUSKMELON

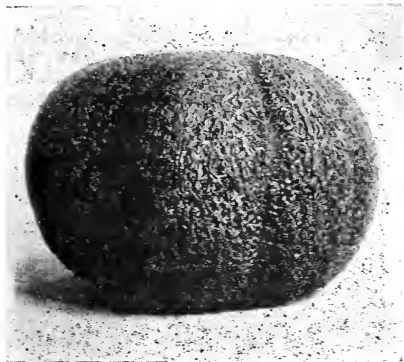
**PAGE'S EARLY**—The Earliest of ALL Muskmelons. Although it is a number of years since our first introduction, Page's Early is still by far the earliest of all. By careful selection during the past six years the quality and flavor is much improved. **Pkt., 10c; oz., 20c; ¼-lb., 75c, postpaid.**

The melons from seed bought of you last year were especially fine and plenty of them too.  
—H. G. Pavlicek, Bowman, N. D. R. 2.



Page's Early

**LAKE CHAMPLAIN or GOLDEN CHAMPLAIN**—One of the very earliest melons, medium sized, round, heavily netted, moderately ribbed, with **thick orange colored flesh** of the finest quality, a robust grower and heavy yielder. Not a shipping melon, but a good home garden sort and a money maker for the market gardener. **Pkt., 10c; oz., 20c; ¼-lb., 60c; ½-lb., \$1.15; 1 lb., \$2.25, postpaid.**



Lake Champlain

**EXTRA EARLY HACKENSACK**—It is a large sized, deep ribbed, round melon, with thick green flesh of delicious flavor. It is the best of the large varieties. **Pkt., 5c; oz., 12c; ¼-lb., 40c; ½-lb., 70c; 1 lb., \$1.35, postpaid.**

**GOLD LINED ROCKYFORD**—(Eden Gem.) A round uniform sized, heavily netted muskmelon of finest quality, an excellent shipping sort and largely grown by market gardeners. The flesh is green, tinted yellow at the center. **Pkt., 5c; oz., 12c; ¼-lb., 40c; ½-lb., 65c; 1 lb., \$1.20, postpaid.**

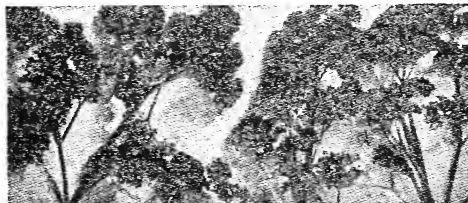
## PARSLEY

**CULTURE**—Soak the seeds a few hours in lukewarm water and sow early in spring in drills one foot apart. Thin out the plants to about four inches. Cover the seed not more than one-half inch. Very slow to germinate, usually three weeks.

**CHAMPION MOSS CURLED**—Leaves beautifully curled and moss-like, of the richest green. **Pkt., 5c; oz., 10c; ¼-lb., 25c; 1 lb., 80c, postpaid.**

**TURNIP ROOTED**—The roots, instead of the tops, are used for soups and flavoring meats; gives richer flavor. If cut into small pieces, is a delicious vegetable. **Pkt., 5c; oz., 10c; ¼-lb., 35c, postpaid.**

**NEW XXX PARSLEY**—The wonderful dark green color and the exquisite fern-like appearance are remarkable. The habit of the plant is dwarf and compact. The flavor is the very best. **Pkt., 5c; oz., 10c; ¼-lb., 30c; postpaid.**



Moss Curled Parsley

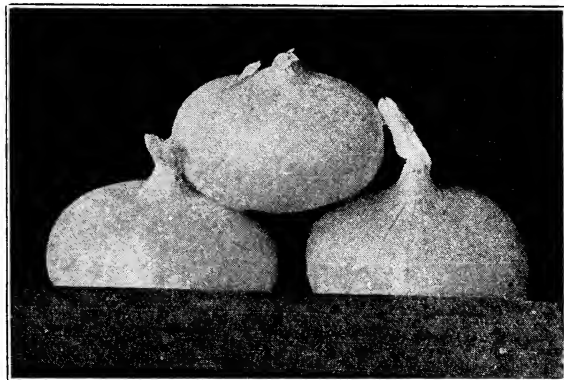
## RHUBARB OR PIE PLANT SEED

**MONARCH**—Ours is the most vigorous and productive variety known. The leaf stalks are very numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor and excellent for preserving. **Pkt., 5c; oz., 15c; ¼-lb., 45c; 1 lb., \$1.50.**

**MONARCH RHUBARB ROOTS**—Plant our strong roots and save two years over seed. **Per dozen, \$1.25, postpaid. By express or freight, \$1.00.**

## WILL'S PIONEER BRAND ONIONS

**CULTURE**—Sow as early in the spring as ground can be worked, in drills 15 inches apart, covering one inch deep. One ounce for 300 feet of drill; 4 to 5 pounds per acre.

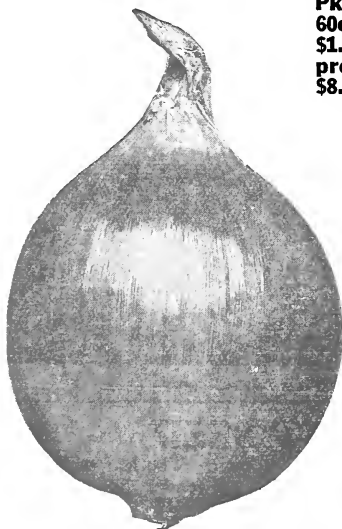


Montana White Portugal or Silverskin

**AUSTRALIAN BROWN**—This variety is **extremely early** and a **wonderful keeper**. There are no scullions and the bulbs form very early. This heavy yielder is of medium size with amber brown skin and solid white flesh. Onions of this sort have been kept a year in good condition. **Pkt., 5c; oz., 20c; 1/4-lb., 55c; 1/2-lb., 90c; 1 lb., \$1.70, postpaid. By express or freight, 5 lbs., \$7.25.**

**LARGE RED WETHERSFIELD**—One of the oldest and best known strains, a **sure** and **heavy yielder**. It is one of the very best keepers. The type is large, rather flat, and of a deep purplish red. The flesh is pinkish white and strong flavored. It is the favorite for poor or dry soils.

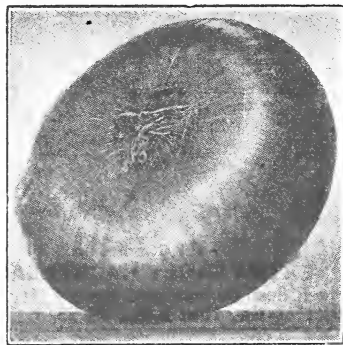
**Pkt., 5c; oz., 20c; 1/4-lb., 60c; 1/2-lb., \$1.05; 1 lb., \$1.90, postpaid. By express or freight, 5 lbs., \$8.25.**



Southport Red Globe

### WHITE PORTUGAL or SILVERSKIN—The All Round Onion. (See back cover)

A medium sized, flat, hard and fine grained onion of mild flavor and clear white skin. It is the best keeper of the white onions and fine for fall and early winter use. A favorite for pickles and bunching green onions when young and more extensively grown for sets than any other white variety. Our seed is Montana grown, of especially high germination and purity. **Pkt., 5c; oz., 20c; 1/4-lb., 65c; 1/2-lb., \$1.20; 1 lb., \$2.25, postpaid. By express or freight, 5 lbs., \$10.00.**



Red Wethersfield

**EXTRA EARLY RED FLAT**—The **earliest large Red Onion**. A deep purplish red 'in color, quite flat, firm and of excellent quality. A desirable variety for short seasons or poor soil. **Pkt., 5c; oz., 20c; 1/4-lb., 60c; 1/2-lb., \$1.05; 1 lb., \$1.90, postpaid. By express or freight, 5 lbs., \$8.25.**

**SOUTHPORT RED GLOBE**—The finest type and most popular of the red onions. Our thin neck strain ripens down to a thick glossy purplish-red ball. It is a sure ripener, a good keeper, and very showy when cleaned for market. **Pkt., 5c; oz., 20c; 1/4-lb., 65c; 1/2-lb., \$1.15; 1 lb., \$2.10, postpaid. By express or freight, 5 lbs., \$9.25.**

**YELLOW GLOBE DANVERS**—This is a **standard variety for winter use** in all markets. Its skin is a rich orange yellow color. The flesh is pure white, crisp and mild in flavor. It is a dependably heavy yielder and because of its small neck cures well and makes splendid storage stock. **Pkt., 5c; oz., 20c; 1/4-lb., 60c; 1/2-lb., \$1.00; 1 lb., \$1.80, postpaid. By freight or express, 5 lbs., \$7.75.**

**NEW QUEEN**—This is a small, rapid growing, mild and sweet small white onion used extensively for pickling and the table. **Pkt., 10c; oz., 30c; 1/4-lb., 85c; 1/2-lb., \$1.50; 1 lb., \$2.75, postpaid.**



## ONION SEED

### WILL'S DAKOTA GLOBE-

We believe this to be the finest and best selected strain of **Southport Yellow Globe**, the most popular and most largely grown yellow onion. It is early, productive, uniform in its deep yellow color, true deep globe shape, with small neck, and an exceptionally good keeper. The flesh is white, crisp and mild.



Will's Dakota Globe Onion

### THE MONEY MAKING ONION

An excellent onion to sow on breaking, and in every way adapted to our growing conditions in the Northwest.

**Pkt., 5c; oz., 20c; ¼-lb., 60c; ½-lb., \$1.00; 1 lb., \$1.80, postpaid. By express or freight, 5 lbs., \$7.75.**

I have ordered my garden seeds of Will's Seed Company ever since I have lived in Wyoming, now 23 years and I have always had a good yield. Will's Seeds are what they should be and I always have plenty of vegetables and then divide with my neighbors.—Mrs. J. A. Laurence, Hulett, Wyoming.

**YELLOW PRIZETAKER**—One of the **largest** onions grown and the **mildest**. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs often attaining a weight of 2 pounds. **Pkt., 5c; oz., 20c; ¼-lb., 65c; ½-lb., \$1.10; 1 lb., \$2.00, postpaid. By express or freight, 5 lbs., \$8.75.**



Ailsa Craig

**AILS CRAIG**—This largest of the English sorts has gained in popularity every year since its introduction into this country. The type is globular, with fine thin neck, and deep straw-colored skin. The flesh is very white, always tender and very mild. This is one of the largest and best of onions. **Pkt., 5c; oz., 25c; ¼-lb., 85c; ½-lb., \$1.50; 1 lb., \$2.75, postpaid. By express or freight, 5 lbs., \$12.50.**

**SOUTHPORT WHITE GLOBE**—This pure white, thin-skinned globe onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained and of mild flavor. **Pkt., 10c; oz., 30c; ¼-lb., 90c; ½-lb., \$1.60; 1 lb., \$3.00, postpaid. By express or freight, 5 lbs., \$13.75.**

**WELSH WINTER**—(Perennial.) Plant this variety to get the earliest green onions. Seed may be sown either in fall or spring. The plants are perennial and live in the ground for years. Absolutely hardy. This is a money maker for the market gardener. **Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., \$1.00; 1 lb., \$1.75, postpaid.**

**CHIVES—Schnittlauch—Grass Onion**—The perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. **Pkt., 10c; oz., 50c.**

See Page 35 for Onion Sets and Plants.

## SELECTED WATERMELONS

**CULTURE**—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground. **One ounce of seed for 30 hills. 2 or 3 pounds per acre.**

**ARIKARA—The Earliest Watermelon.** This variety is a prolific and sure producer of small melons, running from 6 to 12 inches in diameter. The skin is almost black. The pink flesh is sweet and pleasant though somewhat coarse. Not as good quality as Will's Sugar, but the **earliest and hardiest** watermelon that grows. **Pkt., 10c; oz., 20c; ¼-lb., 60c; ½-lb., \$1.10; 1 lb., \$2.00, postpaid.**



Arikara



Cole's Early

**COLE'S EARLY**—One of the **earliest and best.** It is very hardy, vigorous, and a sure cropper. The melons are of medium size, green with lighter stripes. The **delicious quality** of the bright red flesh is sustained clear to the thin rind. This is one of the best varieties ever offered. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 90c, postpaid.**

**PHINNEY'S EARLY**—The very earliest large, oval melon. The melons are oblong in shape, while the rind is so mottled with various shades of green as to present an almost scaly appearance. It is a very early sort, hardy and bears abundantly. The flesh is **pink and tender.** **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.**

**PEERLESS OR ICE CREAM**—Very early, a short oblong in shape. This is one of the best varieties for the North. The rind is thin, light green, mottled and veined with a darker shade. The flesh is bright scarlet and as sweet as honey. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 95c, postpaid.**

**KLECKLEY SWEETS—MONTE CRISTO**—This melon is fairly **large, oblong** and tapering toward the stem end. The rind is a very dark green. The flesh is scarlet and ripens nearly to the rind. This is one of the best and sweetest watermelons in cultivation. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 95c, postpaid.**



Kleckley Sweets

**COLORADO PRESERVING MELON**—This is quite distinct from the old-fashioned citron as it is larger and more productive. The flesh is firm and solid, with but few seeds and makes preserves of finest flavor. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**



Colorado Preserving Melon

**CITRON**—A round, handsome fruit of small size, with white solid flesh; it is **used in making sweetmeats** and preserves. Ours is the old standard strain. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

**WINTER WATERMELON**—With white rind, clear bright red flesh, and black seeds. Good at maturity with ordinary melons. If stored in a cool dry place **will keep until Christmas.** **Pkt., 10c; oz., 15c; ¼-lb., 40c; ½-lb., 65c; 1 lb., \$1.10, postpaid.**

## SELECTED WATERMELONS

### WILL'S SUGAR WATERMELON

— This pioneer variety, which we introduced in 1892, still remains the favorite for the Northwest. It is the second earliest melon grown, and combines with that very necessary quality hardness and heavy production. In sweetness it is surpassed by no melon grown, and the bright red flesh and small black seeds make a very pleasing contrast. We have never been able to grow enough of the seed to supply all demands. Pkt., 10c; oz., 20c; ¼-lb., 50c; ½-lb., 95c; 1 lb., \$1.80, postpaid.



Field View of Will's Sugar Watermelon

We have had your Watermelon seed for four years and the best melons we have ever eaten.—Avery Anderson, Walcott, N. Dak.

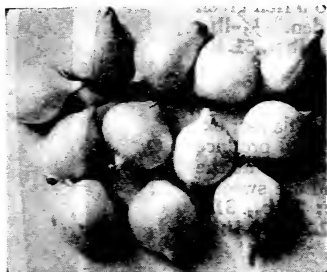
I think Will's Sugar Melons are the best melons I ever had.—Sidney G. Leyh, Bertha, Minnesota.

## ONION SETS

Unless otherwise instructed, we shall hold onion set orders till danger of freezing is past. Bottom Onion Sets are the product of seed planted closely to prevent full development. We raise and store our own. A bushel is 32 lbs. unless otherwise stated.

**YELLOW AND RED BOTTOM SETS**—Fine, well cured North Dakota grown sets, **EITHER COLOR.** Pt., 20c; qt., 32c; ½-peck, 90c, postpaid. By express or freight, peck, \$1.30; ½-bu., \$2.30; bu., \$4.25.

**EBENEZER or JAPANESE ONION SETS**—These yellow sets are surer to form large onions than any other sets, the quality is superior and the yield is larger. Sets of our own growing. Pt., 25c; qt., 37c; ½-peck, 95c, postpaid. By express or freight, pk., \$1.40; ½-bu., \$2.40; bu., \$4.50.



White Bottom Onion Sets

**WHITE BOTTOM SETS**—Milder than the red or yellow sorts and preferred by some on account of their color. Sets of our own growing. Pt., 25c; qt., 37c; ½-pk., \$1.00, postpaid. By express or freight, pk., \$1.50; ½-bu., \$2.75; bu., \$5.00.

**TOP OR WINTER ONION SETS**—Perennial. Live in the ground all winter and start very early in the spring. 28 lbs. to the bushel. Pt., 30c; qt., 52c; postpaid. By express or freight, pk., (7 lbs.) \$1.75; bu., \$6.00.

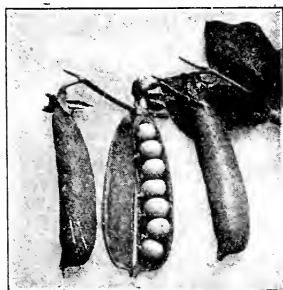
**MULTIPLIER ONIONS**—Also called Bunch Onions or Potato Onions. Excellent for early spring onions. Pt., 30c; qt., 50c, postpaid. By express or freight, pk., \$1.75; bu., \$6.00.

**GARLIC**—Bavarian. Lb., 42c, postpaid; 5 lbs., \$1.75.

**BERMUDA ONION PLANTS**—Seed is planted early in Texas, and plants lifted to produce onions of Bermuda quality in northern gardens. Planted like onion sets and easy to grow. We can ship from April tenth on. Per 100, 25c; 500, \$1.20; 1,000, \$2.15, postpaid. Crate of 6,000 plants by express, \$10.00.

## WILL'S CHOICEST GARDEN PEAS

**CULTURE**—Sow early in the spring in rows 18 to 24 inches apart. The peas will give quicker returns if covered only one inch deep, and where earliness is the most important they may be treated in that way, but longer pods and more of them will be produced if the seed is planted in trenches three to six inches deep and covered with one or two inches of soil. When the plants are five or six inches high, fill the trench level with the surface. Sow every two weeks for succession. They may be sown broadcast and plowed under. **Two pounds for 100 feet of drill; 2 to 3 bushels in drills per acre.**



First of All

### EARLY VARIETIES NOT DWARF

**FIRST OF ALL**—This is the earliest pea in cultivation. The seed is smooth and for that reason this variety may be sown two weeks earlier than any wrinkled sort, as it will not rot in the ground. The vines grow to a height of 2½ feet. It is a very heavy and even cropper—can be cleaned at two pickings. This variety is a great favorite with gardeners for the early market. ¼-lb., 15c; ½-lb., 22c; 1 lb., 37c, postpaid. By express or freight, 5 lbs., \$1.20; 10 lbs., \$2.20; 20 lbs., \$4.30; 100 lbs., \$20.00.

of the Telephone, and the tender peas are of a most delicious flavor. It is the market gardener's favorite. ¼-lb., 15c; ½-lb., 22c; 1 lb., 37c, postpaid. By express or freight, 5 lbs., \$1.30; 10 lbs., \$2.40; 20 lbs., \$4.60; 100 lbs., \$22.00.



**ALL PEAS AND BEANS REQUIRE AN INOCULANT**  
GARDEN SIZE, PRICE 25c, POSTPAID  
See Page 67.

### EARLY DWARF OR BUSH VARIETIES

**LITTLE MARVEL**—One of the earliest of the wrinkled seeded sorts and probably the most satisfactory pea for the average home garden. Remains in prime picking condition a week longer than most sorts. The vines are 15 inches high, heavy, with dark green pods usually set in pairs. The pods are filled with from 7 to 8 very dark green peas of high quality. ¼-lb., 15c; ½-lb., 27c; 1 lb., 42c, postpaid. By express or freight, 5 lbs., \$1.30; 10 lbs., \$2.50; 20 lbs., \$4.80; 100 lbs., \$23.00.

**PIONEER**—An improved type of Laxtonian. This fine early dwarf variety bears an immense crop of very large pods containing 8 to 9 rich green peas. This is one of the finest sorts for the home or market garden. ¼-lb., 15c; ½-lb., 25c; 1 lb., 42c, postpaid. By express or freight, 5 lbs., \$1.40; 10 lbs., \$2.70; 20 lbs., \$5.00; 100 lbs., \$24.00.

**McLEAN'S LITTLE GEM**—An early dwarf pea of delicious flavor; excellent for family use. The vines are about 18 inches in height and produce an abundance of pods from 2½ to 3 inches long. The peas are borne at the top of the stalk and are easily gathered. They are delicious and are sweeter than others of the dwarf varieties. ¼-lb., 15c; ½-lb., 22c; 1 lb., 37c, postpaid. By express or freight, 5 lbs., \$1.25; 10 lbs., \$2.25; 20 lbs., \$4.40; 100 lbs., \$21.00.

**SUTTON'S EXCELSIOR**—An improved Nott's Excelsior, larger podded and more productive. Height 16 inches. The broad pods are dark green, 3½ inches long, and contain 7 to 8 large bright green peas of very fine quality. Many regard this hardy variety as best of the dwarf, first early sorts. ¼-lb., 15c; ½-lb., 22c; 1 lb., 37c, postpaid. By express or freight, 5 lbs., \$1.30; 10 lbs., \$2.40; 20 lbs., \$4.60; 100 lbs., \$22.00.



McLean's Little Gem

**LAXTON'S PROGRESS**—The earliest and best of the large-podded dwarf Peas. The vines grow eighteen inches tall and are more productive than any other of the dwarf class. This new variety is absolutely the best of its sort to date.  $\frac{1}{4}$ -lb., 20c;  $\frac{1}{2}$ -lb., 30c; 1 lb., 50c, postpaid. By express or freight, 5 lbs., \$1.80; 10 lbs., \$3.50; 20 lbs., \$6.25; 100 lbs., \$28.00.

**PETER PAN**—A fine large-podded dwarf extra early pea. The vines are from 15 to 18 inches high and are wonderfully productive of large pods from 4 to  $4\frac{1}{2}$  inches long, which contain from 9 to 10 bluish-green peas of the highest quality.  $\frac{1}{4}$ -lb., 15c;  $\frac{1}{2}$ -lb., 25c; 1 lb., 42c, postpaid. By express or freight, 5 lbs., \$1.40; 10 lbs., \$2.70; 20 lbs., \$5.00; 100 lbs., \$24.00.

## EDIBLE PODDED VARIETY

**DWARF WHITE SUGAR**—Height 2 feet. The pods are light green, 3 inches long, pointed and narrow; quite early. The pods are picked when the peas are forming, and broken and cooked like string beans.  $\frac{1}{4}$ -lb., 15c;  $\frac{1}{2}$ -lb., 25c; 1 lb., 40c, postpaid. By express or freight, 5 lbs., \$1.35; 10 lbs., \$2.50.



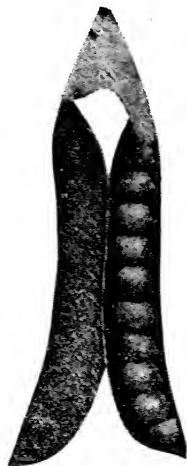
Peter Pan

## MAIN CROP VARIETIES

**SUTTON'S PERFECTION**—One of the best and the most productive of the main crop peas. The vines are  $2\frac{1}{2}$  feet high, very sturdy and strong. The pods are  $4\frac{1}{2}$  inches long, broad, straight, pointed, and medium light green, containing 8 to 9 very large, sweet, bright green peas. All that its name implies, both for the market gardener and the home garden.  $\frac{1}{4}$ -lb., 15c;  $\frac{1}{2}$ -lb., 25c; 1 lb., 37c, postpaid. By express or freight, 5 lbs., \$1.30; 10 lbs., \$2.40; 20 lbs., \$4.60; 100 lbs., \$22.00.

**BLISS EVERBEARING**—If the pods are picked as they mature, the vines will continue to branch and bear, giving the variety its name. It grows to a height of  $2\frac{1}{2}$  feet and as many as 100 pods have been counted on a single vine. The peas are large and sweet and packed tightly in the pods.  $\frac{1}{4}$ -lb., 15c;  $\frac{1}{2}$ -lb., 22c; 1 lb., 37c, postpaid. By express or freight, 5 lbs., \$1.20; 10 lbs., \$2.20; 20 lbs., \$4.30; 100 lbs., \$20.00.

**PRIZEWINNER**—A fine main crop pea with very heavy and sturdy dark green foliage. Height about  $2\frac{1}{2}$  feet. The dark green pods average  $4\frac{1}{2}$  inches long, very broad, straight and pointed, containing 9 large dark green peas of excellent quality.  $\frac{1}{4}$ -lb., 15c;  $\frac{1}{2}$ -lb., 25c; 1 lb., 37c, postpaid. By express or freight, 5 lbs., \$1.30; 10 lbs., \$2.40; 20 lbs., \$4.60; 100 lbs., \$22.00.



Bliss Everbearing

**CHAMPION OF ENGLAND**—Although the whole race of wrinkled peas has come from this old variety no selection has surpassed it in quality or sweetness. The vines grow about four feet high and yield very large pods of most delicious flavor. Our strain has been carefully selected and will be found superior.  $\frac{1}{4}$ -lb., 15c;  $\frac{1}{2}$ -lb., 22c; 1 lb., 37c, postpaid. By express or freight, 5 lbs., \$1.25; 10 lbs., \$2.25; 20 lbs., \$4.40; 100 lbs., \$21.00.



Bliss Everbearing

Please send at once by parcel post:

$\frac{1}{4}$ -lb. Peas, First of All

$\frac{1}{4}$ -lb. Peas, Peter Pan

1 box of Nitragin—garden size for peas, beans and sweet peas.

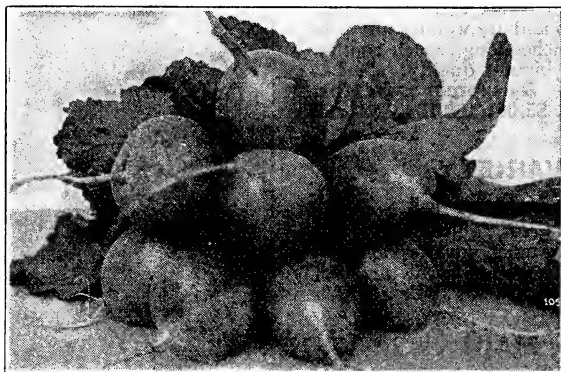
I used it last year and will say I think it wonderful.—Mrs. L. D. Harbert, R. No. 8, Mitchell, S. Dak.

**Increase Your Yield of Peas by Inoculating with Nitragin.**  
See Page 67.

## WILL'S NORTHERN GROWN RADISH SEED

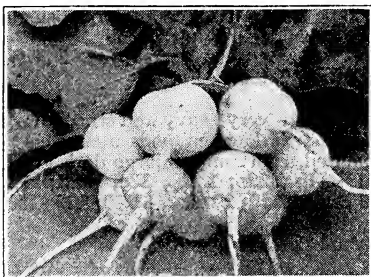
**CULTURE**—For early use the seed may be sown in hotbed. For open ground culture, sow in the spring as soon as the ground can be worked, in drills 10 to 12 inches apart. Sow every two weeks for a succession.

**WILL'S EARLY CARMINE**—Our old reliable extra early sort which has so long been the favorite throughout the Northwest. **A bright carmine in color**, almost round in shape, very early, mild and lasts well for an early sort; crisp and tender. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**



Will's Early Carmine

**SAXA**—The earliest, smallest topped radish, and one of the slowest to go to seed. The round, bright scarlet roots are ready for the table 20 days after planting the seed. We have a fine stock of this variety and the demand has increased annually since we first listed Saxa in 1918. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 75c; 1 lb., \$1.40, postpaid.**



Model Box

Your seeds are the best I have ever used. Every one grows very good here and I can recommend them to all gardeners as true to name and very hardy.

J. W. Larsen, Great Falls, Mont. Rt. 1, Box 9.

**FIREBALL**—Non Plus Ultra. An early round radish of bright scarlet color and pure white flesh, crisp, tender, and of the very best flavor. It has few and short leaves, which permits close growing. Very desirable for the home garden and a money maker for the market gardener. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.05, postpaid.**

**EARLY SCARLET GLOBE**—

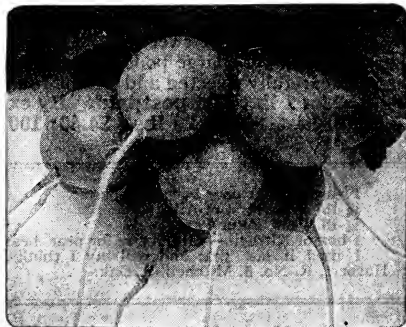
The **market gardener's variety**. One of the earliest forcing radishes and does equally well outside. The **bright scarlet roots** are fair sized, globe shaped and with very small top. We have as good a stock of this superb variety as is grown. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.05, postpaid.**



Saxa

**MODEL BOX**—White radishes are invariably better keepers and last longer in the field than other sorts.

Model Box is a **white, turnip-shaped radish**, the very earliest white variety and is ready for use in 30 days. Pure white, crisp and mild. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.05, postpaid.**



Fireball

## WILL'S NORTHERN GROWN RADISH SEED

**SPARKLER—Improved Scarlet Turnip White Tipped.** This extra early strain is perhaps the most attractive radish we have. The color is a rich carmine scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

**LONG SCARLET SHORT TOP**—The roots of this old reliable variety are smooth, slender, and uniform, about six inches long, a bright carmine red in color, and of excellent quality. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.**

**GLASS or CINCINNATI MARKET**—A long, slender, bright red radish with white tip. The flesh is white, almost transparent, brittle and crisp, and remains fit for use through a long period. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

**FRENCH BREAKFAST**—A half-long, very crisp and quick-growing radish. In color it is a bright rose scarlet with blunt white tip. It is very early, a great favorite on the market and unexcelled for the home garden. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 95c, postpaid.**



French Breakfast

**MIXED RADISH SEED**—This is a mixture of a number of sorts which we are offering at a very attractive price. This is a very satisfactory way to plant radishes, as the early ones when taken out thin the rows for the later sorts. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 85c, postpaid.**



Black Spanish Winter

and blunt at both ends. The skin is a bright, deep rose color and the flesh white and very crisp. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.05, postpaid.**



Sparkler

**ICICLE**—The finest of the early, pure white varieties. Their long, slender form and pure white skin make the roots very attractive. They are unusually crisp and tender and preserve these qualities much longer than the red sorts. One of the most desirable sorts for outdoor summer planting. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 95c, postpaid.**

**WHITE STRASBURG**—One of the best large, white later summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder and abruptly tapering. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**



Icicle

**BLACK SPANISH WINTER**—One of the latest as well as the hardest of radishes. The skin is black and the flesh white, solid, crisp and pungent. Keeps well all winter. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.05, postpaid.**

**CHINA ROSE WINTER**—One of the very best winter radishes. The roots are cylindrical



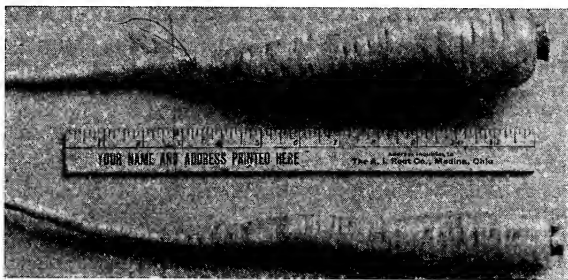
## PARSNIPS

**CULTURE**—Sow as early in the spring as possible, in rows 18 inches apart and about 1 inch deep. The ground should be deeply plowed and well cultivated. Thin to two inches as soon as the plants are large enough to handle. A freeze improves the quality. **One ounce for 200 feet of drill; 4 to 5 pounds per acre.**

### IMPROVED GUERNSEY—

This is the thicker, heavier type of parsnip. Fine grained and sweet flesh. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 85c, postpaid.**

**LONG SMOOTH or HOLLOW CROWN**—A great cropper, tender, sugary and considered one of the best for general cultivation. Roots average 15 inches long by 3 inches in diameter. **Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1 lb., 85c, postpaid.**

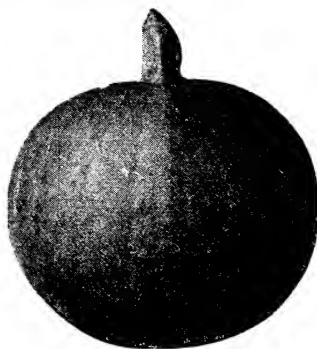


Hollow Crown Parsnip

## PUMPKINS FOR THE NORTHWEST

**CULTURE**—Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons. **One ounce to 30 hills; 3 to 4 pounds per acre.**

**FORT BERTHOLD**—Selection for some years from the squash seed obtained from the Mandan and Arikara Indians has resulted in this **wonderfully early pumpkin of unusual hardness.** The fruits are small, round, flattened on the ends, and of first quality. They are either orange or cream in color with orange predominating. **Pkt., 10c; oz., 20c; ¼-lb., 60c, postpaid.**



Sweet Sugar

**OMAHA**—A very early oblong, orange sort, but little later than the Fort Berthold and much thicker meated. This is a selection over a period of years from seed obtained through Dr. Melvin Gilmore from the Omaha Indians. We quote the North Dakota State Horticultural Society's news letter for September, 1924, thus: "the Omaha pumpkin which is real pie size has proven far **earlier than the widely grown Sugar pie** on the experimental grounds at the A. C." **Pkt., 10c; oz., 25c; ¼-lb., 80c, postpaid.**

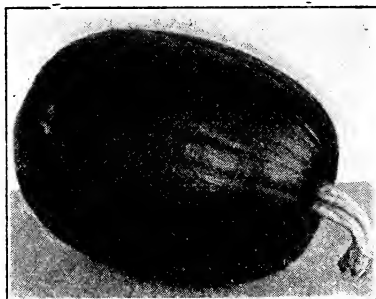
**SWEET SUGAR or NEW ENGLAND PIE**—This is the **earliest and surest** of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small round pumpkin, dark orange in color, with thick, dry, fine-grained flesh. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.**

**QUAKER PIE**—A medium sized, creamy white sort; early, hardy, productive and a good keeper. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.20, postpaid.**

**CONNECTICUT FIELD or BIG TOM**—A solid, oblong, orange pumpkin more planted with corn than any other variety and a heavy yielder. **Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1 lb., 90c, postpaid.**

**GOLDEN OBLONG**—A very hardy and productive sort with thick, light golden flesh of highest quality and a good keeper. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1 lb., \$1.20, postpaid.**

**KING OF MAMMOTHS**—The giant among pumpkins, weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 90c; 1 lb., \$1.70, postpaid.**

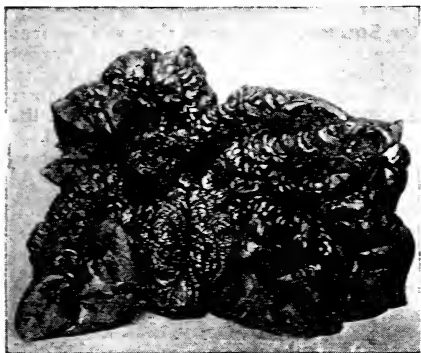


Golden Oblong

## SPINACH

**CULTURE**—Sow in early spring, in drills 12 to 15 inches apart, covering not more than one inch deep. Sow two weeks apart for succession. One ounce for 100 ft. of drill.

**PRINCESS JULIANA**—A new type of "long standing" spinach. Very slow to bolt to seed, this is a very attractive sort. The leaves are large and rounded, thick in texture, very much blistered and crumpled and of an intense, very dark green color. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 35c; 1 lb., 55c, postpaid.**



Bloomsdale Spinach

**LONG STANDING**—A late maturing sort which is not inclined to run to seed. The plant is very large with broad, arrow-shaped, nearly smooth leaves. **Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 30c; 1 lb., 55c, postpaid.**

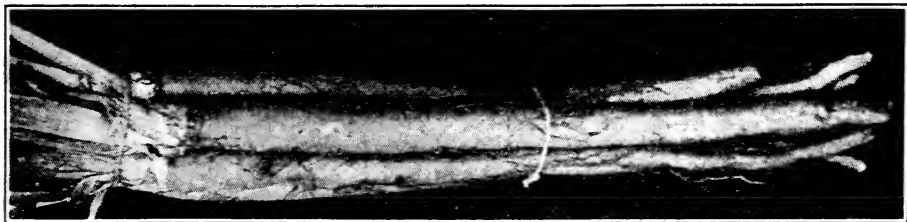
**NEW ZEALAND**—This variety thrives in any soil, rich or poor, and **stands hot weather.** As the leaves are picked off, new shoots are produced and yield a continuous supply of greens. Plant 3 or 4 seeds to a hill; hills 2 feet apart each way, about May 15th. Soak seed in warm water for 24 hours before planting. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**



New Zealand

## SALSIFY OR OYSTER PLANT

**CULTURE**—Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to 100 feet of drill.



Sandwich Island Satisfy

**SANDWICH ISLAND SALSIFY**—This is an improved type of Salsify and the best sort. The roots are double the size of the old Long Smooth variety, less likely to branch, and are of equally good quality and delicate flavor. **Pkt., 5c; oz., 25c; ¼-lb., 80c; ½-lb., \$1.50; 1 lb., \$2.75, postpaid.**

## TOBACCO

**COMSTOCK SPANISH**—This grand Wisconsin variety is absolutely the best for the Northwest. The plant is very hardy and the leaf large and perfect. Easily raised if started indoors about the same time as tomatoes. **Pkt., 10c; oz., 60c, postpaid.**

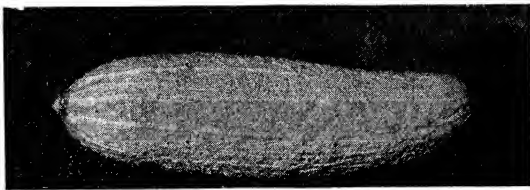
## WILL'S SQUASHES

Early and Hardy Varieties for the Northwest

**CULTURE**—One ounce to 25 hills, summer, and one ounce to ten hills, winter. Plant the hills in the same manner and the same time as melons and cucumbers, the bush varieties three to four feet apart and the running kind seven to eight feet apart.

**ARIKARA**—If you want the **earliest large winter Squash**, the squash that will set fruit and outyield all others under drouth conditions, plant the Arikara. The shell is salmon, varied with blue green; flesh orange tinged with green near the shell, of firm texture and good quality. An Arikara Squash raised in 1924 was shown in good condition at the meeting of the N. D. Horticultural Society late in August, 1925. **Pkt., 10c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.25; 1 lb., \$2.00, postpaid.**

**GILMORE**—A cross between the Winnebago and Arikara combining the flavor and quality of the former with the earliness, hardiness, and productivity of the Arikara. The skin is salmon colored tinged with blue-green. Its elongated shape follows the Winnebago parent. After several years this selection is now quite true to type and we believe it to be a worth while introduction. **Pkt., 10c; oz., 25c; ¼-lb., 70c; ½-lb., \$1.25; 1 lb., \$2.00, postpaid.**



Gilmore

**IMPROVED HUBBARD**—The **Standard Winter Squash**, more extensively grown for the market than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze green; flesh bright yellow, fine-grained, dry and sweet. Its quality is the standard of excellence. Our seed is a superior strain as the result of careful selection over a long period of years. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 70c; 1 lb., \$1.30, postpaid.**



Improved Hubbard

**TABLE QUEEN or DES MOINES**—A small, very productive variety of many desirable qualities. Its size is particularly desirable as one squash makes a meal for a hungry person. The thin shell is ribbed and very dark green in color. The rich golden flesh is very thick and the seed cavity small. A good keeper. The quality is excellent. **Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 85c; 1 lb., \$1.60, postpaid.**

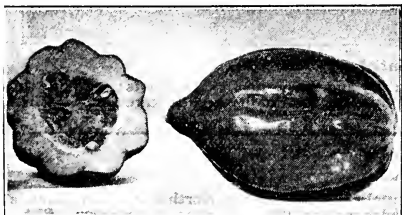
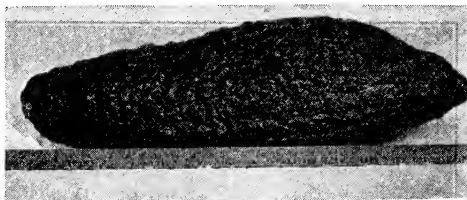


Table Queen

**RED OR GOLDEN HUBBARD**—This is a sport from the true Hubbard, and quite like its parent in form and habit, but decidedly earlier. The shell is moderately warted, hard, strong and a bright orange red in color. The flesh is deep orange, dry and of splendid quality. This is a superior table variety and an excellent keeper. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 70c; 1 lb., \$1.30, postpaid.**

**WINNEBAGO**—When we introduced this variety four years ago we called it the **finest baking and general cooking squash** we had ever tried. It still is. The original seed came from the Winnebago Indians through Dr. M. R. Gilmore. The squash is elongated, a greenish black in color and a good keeper. The bright orange flesh is thick, very dry and sweet, and less stringy than any other squash we have ever sampled. The largest specimen in our planting weighed 39 pounds with many others well over 30 pounds. **Pkt., 10c; oz., 20c; ¼-lb., 70c; ½-lb., \$1.25; 1 lb., \$2.00, postpaid.**



27 Lbs. of Winnebago

**MAMMOTH CHILI**—Squashes of this great variety commonly weigh 75 pounds and have been grown as large as upwards of 150 pounds. The skin is a rich orange-yellow. The yellow flesh is very thick and highly nutritious. It is of the highest value as a stock food. An acre will yield from 8 to 15 tons, thus furnishing a cheap and nutritious feed. It is grown for exhibition purposes and carries off many prizes. **Pkt., 5c; oz., 20c; ¼-lb., 50c; ½-lb., 90c; 1 lb., \$1.70, postpaid.**

**Arikara Winter**

a rich golden-orange and the flesh is a creamy yellow. It is a selection of real merit. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1 lb., \$1.00, postpaid.**

**GIANT SUMMER CROOKNECK**—A new variety early as common Crookneck and much larger, sometimes attaining a length of two feet. It is heavily warted and of bright golden color. The plants are bushy and very prolific. The squashes are brittle and tender and command the highest price on the market. **Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1 lb., \$1.00, postpaid.**

## GENERAL PURPOSE SQUASH

**EARLY MANDAN SQUASH**—The Very Earliest Squash in the World. This wonderful little squash, obtained by us from the Mandan Indians, will ripen almost anywhere, notably in the Montana mountains where squashes had never been grown before. It is very hardy and drouth resistant and withal of fair quality. Fine if used green as a summer squash and good fried or boiled. Excellent sweet pickles may be made from this sort and it is a good keeper. By constant selection we have gradually improved the quality of this variety and its trueneess of type. **Pkt., 10c; oz., 30c, postpaid.**

**FORDHOOK**—A desirable variety for both summer and winter use. The type is small and oblong, averaging nine inches in length, slightly ridged. The skin is smooth, thin and yellow. The seed cavity is very small and the unusually thick straw-colored flesh is extremely dry and sweet. The squashes will keep to June in a dry room, yet in a green state they rival the best summer varieties. Our strain is early, hardy and reliable. **Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 70c; 1 lb., \$1.30, postpaid.**

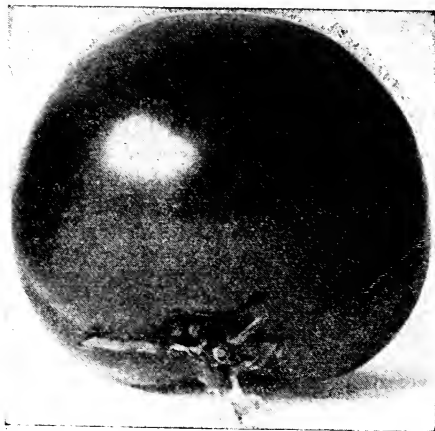
**Giant Summer Crookneck**

## HERBS

- ANISE**—Used in garnishing and flavoring. The seeds are aromatic. **Pkt., 5c; oz., 15c.**  
**BASIL**—(Sweet). Leaves used for flavoring soups and stews. **Pkt., 10c; oz., 25c.**  
**CARAWAY**—Grown for seeds which are used in flavoring. **Pkt., 5c; oz., 15c.**  
**CATNIP**—Leaves used for seasoning. Plant this and make your cat happy. **Pkt., 10c.**  
**CORIANDER**—The seeds are used in making candy. **Pkt., 5c; oz., 20c.**  
**DILL**—The seeds are used for pickling cucumbers. **Pkt., 5c; oz., 10c; ¼-lb., 30c.**  
**FENNEL**—The leaves boiled are used in sauces. **Pkt., 5c.**  
**HOREHOUND**—Used for seasoning and as a cough remedy. **Pkt., 5c.**  
**HYSSOP**—Very aromatic plant with blue flowers. Used in soup. **Pkt., 10c.**  
**LAVENDER**—Its flowers are used in perfumery. **Pkt., 10c.**  
**MUSTARD**—(Large White Seeded.) Seed used in flavoring pickles. **Pkt., 5c; oz., 10c.**  
**ROSEMARY**—Aromatic leaves used for seasoning. **Pkt., 10c.**  
**SAFFRON**—Used in coloring certain dishes and also for flavoring. **Pkt., 10c.**  
**SAGE**—The most extensively used herb for seasoning and stuffing. **Pkt., 10c; oz., 40c.**  
**SUMMER SAVORY**—Leaves and flowers used to flavor soups and dressings. **Pkt., 5c; oz., 20c.**  
**SWEET MARJORAM**—Leaves and ends of shoots used for seasoning, both green and dried. **Pkt., 5c; oz., 20c.**  
**THYME**—A tea made of leaves is a remedy for headache. **Pkt., 10c.**  
**WORMWOOD**—Beneficial for poultry; should be planted in poultry yards. **Pkt., 10c.**

## WILL'S EARLY TOMATOES

**CULTURE**—Sow in hotbed or shallow boxes in the house in early spring; when plants are large enough, transplant into hotbed or boxes and when all danger from frost is past transplant into open ground, about four feet apart each way.



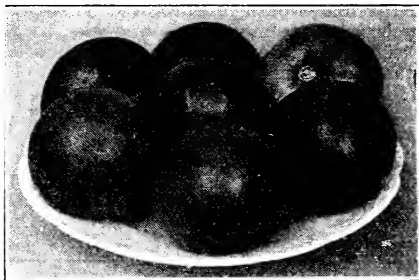
Millet's Dakota

**MILLET'S DAKOTA** — The **hardest, most drought resistant early Tomato**. Under the harsh, dry conditions of the summer of 1926, Millet's Dakota **out-yielded all other varieties at Bismarck**. Originated by the late John W. Millet of Bismarck, and introduced by us in 1913, it is as early as the earliest strains of Earliana. The fruit is of medium size, smooth uniform shape, and of rich deep scarlet color. It is of high quality although not as meaty as the Red River. Under fairly favorable conditions we believe the Red River will out-yeild Millet's Dakota, but under the harshest conditions we will back Millet's Dakota against all comers. **Pkt., 10c; ½-oz., 30c; oz., 50c; ¼-lb., \$1.50, postpaid.**

"You will notice that I am ordering your Millet's tomato. I took the first prize at the Weyburn Horticultural fair last summer with this tomato."—H. McLean, Weyburn, Sask., Box 425.

**EARLIANA**—Selected Early Strain. One of the **earliest** and best of the early varieties. It is very productive for an early sort. The fruit is fair sized, round, **very smooth and solid**, and produced in clusters in the center of the plant. The color is a bright scarlet. You simply cannot beat our strain of this grand old sort. **Pkt., 5c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.25, postpaid.**

**RED HEAD**—This new variety is one of the very best second early sorts. As early as Chalk's Jewel it is nearly as large as Stone. Very productive, the fruits are nearly globe-shaped and very solid. **Pkt., 10c; ½-oz., 30c; oz., 55c; ¼-lb., \$1.80, postpaid.**



Selected Earliana



Bonny Best

**BONNY BEST**—Very nearly as early as Millet's and Earliana, the bright deep scarlet fruits **ripen more evenly** than do those of any other early scarlet variety and are of **superior solidity** and interior color. A good yielder and most attractive in shape and color. This sort is coming rapidly to the front both for the home and market garden. **Pkt., 10c; ½-oz., 25c; oz., 45c; ¼-lb., \$1.40, postpaid.**

**CHALK'S EARLY JEWEL**—Perhaps the best second early scarlet fruited variety for the Northwest. Extensively used for canning and on account of its large size, excellent quality and productivity a most satisfactory sort for the home garden. **Pkt., 5c; ½-oz., 25c; oz., 40c; ¼-lb., \$1.25, postpaid.**

**ACME**—An old favorite, hardy, early and productive; fruit of good size, round and smooth; color purplish pink. **Pkt., 5c; oz., 20c; ¼-lb., 65c, postpaid.**

**STONE**—This is the **standard main crop sort** for truckers and cannerys. Plants very vigorous and productive, fruit round, smooth, solid and deep red. **Pkt., 5c; oz., 20c; ¼-lb., 75c, postpaid.**

**For TOMATO PLANTS See Page 73**

## HARDY TOMATOES

### RED RIVER—(See Back Cover.)

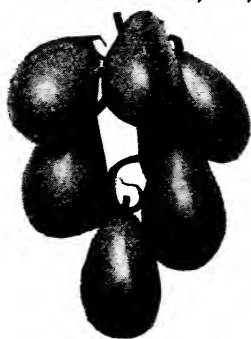
As early as the earliest and the **most solid, meaty early** sort we have ever seen. At the Canadian Experiment Station at Morden, Manitoba, it **outyielded all other sorts in 1925**. It has been produced from Carter's Sunrise, a small, very meaty, greenhouse variety, and one of the North Dakota Experiment Station's selections of Earliana, by Professor A. F. Yeager of the North Dakota Agricultural College. Red River is one of the earliest sorts and bears slightly flattened, smooth fruits, of medium size, bright scarlet color, solid meat and splendid flavor.

Out of 114 tests made of Red River in 1926 by experiment stations, seedsmen and market gardeners, 68 reported Red River as the best early Tomato they grew; 29 others reported it equal to the best they grew; and 17 reported it unsatisfactory or inferior to some other strain or variety. As Professor

Yeager wrote, "When it is considered that the people who tried these things are professional growers and that these two new varieties (Sunshine Sweet Corn and Red River Tomato) had to compete with the best these men had decided on after years of experience, and in many cases had adapted to their own needs by careful selection, it seems the showing they made is rather remarkable." **Pkt., 15c; ½-oz., 60c; oz., \$1.00; ¼-lb., \$4.00; 1 lb., \$12.00 postpaid.**



Red River



Yellow Plum

**GOLDEN QUEEN—"Queen of all the Yellows."** It is very prolific, ripens early, and is solid, always smooth, entirely free from ridges, large in size and delicious in flavor. It is fine for slicing. **Pkt., 10c; ½-oz., 30c; oz., 50c, postpaid.**

**YELLOW PLUM**—A beautiful sort, much resembling a plum in size and shape; widely used for preserving. **Pkt., 10c; ½-oz., 25c; oz., 45c, postpaid.**

**RED CHERRY**—The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. **Pkt., 10c; ½-oz., 30c; oz., 50c, postpaid.**

**PINK PEACH**—This excellent sort resembles a peach in size and shape. The surface of the fruit covered with a down much like its namesake. It makes delicious preserves and pickles. Size about the same as most early sorts and excellent to eat fresh. **Pkt., 10c; ½-oz., 25c; oz., 45c, postpaid.**

**YELLOW PEAR**—This variety is used entirely for pickling and preserves. It is delicate in flesh and flavor. **Pkt., 10c; ½-oz., 25c; oz., 40c, postpaid.**

**STRAWBERRY, GROUND CHERRY or HUSK TOMATO**—This variety is unequalled for canning, preserving or making pies. Dried in sugar as raisins or figs they are unexcelled. The vines cover the ground and yield enormously. The yellow fruits are half an inch in diameter and enclosed in a husk. **Pkt., 10c; ½-oz., 30c; oz., 50c, postpaid.**



Strawberry or Ground Cherry

For Tomato Plants, See Page 73.

## WILL'S BEST RUTABAGAS

**CULTURE**—Sow latter part of June or first of July. If drilled in, rows should be about 20 inches apart, and frequent cultivation will increase the yield. One ounce to 250 feet of drill,  $1\frac{1}{2}$  pounds per acre if drilled, and  $2\frac{1}{2}$  pounds if broadcast.

**WILL'S IMPROVED AMERICAN PURPLE TOP—Yellow.** The roots are large, globular in form, with small neck, and very small tap root. The color is a bright yellow with a purple top. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy and especially adapted for broadcasting on new breaking. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c;  $\frac{1}{2}$ -lb., 40c; 1 lb., 70c, postpaid. By express or freight, 5 lbs., \$2.25.**

**PAJBURG BANGHOLM**—We first introduced this wonderful variety from Denmark some eleven years ago. The roots are purple-topped with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the sweetest rutabaga in cultivation, a very heavy yielder and a splendid keeper. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c;  $\frac{1}{2}$ -lb., 40c; 1 lb., 75c; postpaid. By express or freight, 5 lbs., \$2.50.**



Will's Improved Rutabaga

**WHITE SWEET RUSSIAN**—One of the sweetest and best of the white rutabagas. The roots are very large, globe-shaped, and white with a greenish shade at the top. The flesh is white, firm and sweet and keeps remarkably well. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c;  $\frac{1}{2}$ -lb., 45c; 1 lb., 80c, postpaid. By express or freight, 5 lbs., \$2.75.**

## WILL'S BEST TURNIPS

**CULTURE**—Sow seed early in the spring for the summer crop and about the middle of July for late crop. May be sown in drills or broadcast. One ounce will sow 150 feet of row, 1 to 2 pounds to the acre.

**PURPLE TOP STRAP-LEAF**—The most widely cultivated and best-known variety. The roots are flat, medium sized, purple above ground and white below. The flesh is white, fine grained and tender. It is a quick grower and very productive. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c;  $\frac{1}{2}$ -lb., 40c; 1 lb., 70c, postpaid.**

**EXTRA EARLY WHITE MILAN**—The earliest turnip, can be used spring or fall. The creamy white

roots are medium sized, flat and uniform. The white flesh is fine-grained, tender and sweet, of splendid quality. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c;  $\frac{1}{2}$ -lb., 50c; 1 lb., 80c, postpaid.**

**EARLY WHITE FLAT DUTCH**—A very early flat turnip of medium size and clear white skin. The flesh is very white, fine-grained and sweet. One of the most popular sorts for home or market. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c;  $\frac{1}{2}$ -lb., 40c; 1 lb., 70c, postpaid.**

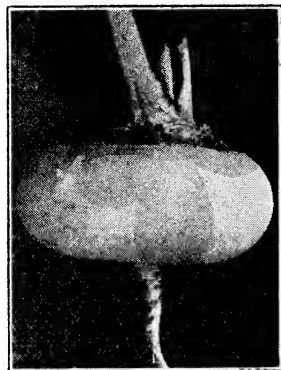
**PURPLE TOP WHITE GLOBE**—A good-sized, globe shaped variety of fine appearance, a good producer and a fine keeper.

The flesh is firm, fine-grained, tender and sweet. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c;  $\frac{1}{2}$ -lb., 40c; 1 lb., 70c; postpaid.**

**EXTRA EARLY PURPLE TOP MILAN**—Nearly as early as White Milan. The roots are medium sized, white with purple top. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c;  $\frac{1}{2}$ -lb., 50c; 1 lb., 80c, postpaid.**

**WHITE EGG**—A medium sized, very early, snow-white variety, with firm, fine-grained flesh. Does not crack as readily as the flat varieties. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c;  $\frac{1}{2}$ -lb., 40c; 1 lb., 70c, postpaid.**

**YELLOW ABERDEEN**—A long keeping, globe shaped, medium sized, yellow sort, tender and sweet fleshed. **Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 25c;  $\frac{1}{2}$ -lb., 40c; 1 lb., 70c, postpaid.**



White Flat Dutch



White Egg



## NORTH DAKOTA GROWN SEED POTATOES

**All Potato Prices Subject to Market Changes. Write for Prices on Large Lots.  
We Do Not Ship Potatoes Until Danger of Frost is Over.**

North Dakota potatoes are recognized the nation over as the most vigorous, the cleanest and the best for seed that can be secured. Our seed is selected as far as possible for freedom from disease and is carefully sorted so that only the very best is sent out.



### POTATO EYES

(By Mail or Express)

**Plant 8,000 to 12,000 to the acre.**

Unless the season is very dry these eyes, properly cut with a deep wedge of flesh as we cut them, will produce very nearly as good results as the whole potatoes. For those who live at a considerable distance, in view of the present transportation rates, and for those who are far from express or freight offices, potatoes in this form for planting are invaluable. We do not forward until danger from frost is past unless especially directed to ship on a given date.

**EARLY IDAHO POTATO EYES—Per 100, 65c, postpaid. By express, 1000, \$4.75.**

**EARLY TRIUMPH POTATO EYES—Per 100, 75c, postpaid. By express, 1000, \$6.00.**

**EARLY OHIO POTATO EYES—Per 100, 60c, postpaid. By express, 1000, \$4.50.**

**IRISH COBBLER POTATO EYES—Per 100, 60c, postpaid. By express, 1000, \$4.50.**

**RURAL NEW YORKER POTATO EYES—Per 100, 60c, postpaid. By express, 1000, \$4.50.**

## NORTH DAKOTA SELECTED EARLY IDAHO SEED POTATOES

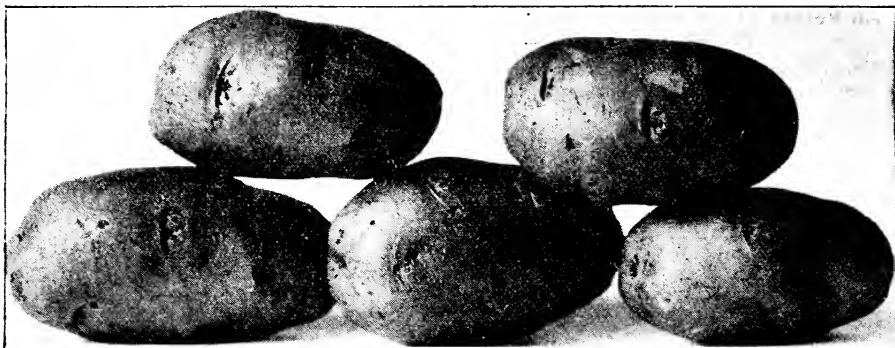


**The Earliest Potato Grown**

This is the very earliest potato that we have ever seen. The first seed was obtained from Moscow, Idaho, several years ago, which gave us the name. In appearance it resembles the Early Ohio, but is somewhat smaller and ten days earlier. The potatoes are formed in a compact bunch in the hill which permits of closer planting, a desirable feature for the small gardener. The tubers are of exceedingly good quality from the first. **By express or freight, pk., 60c; ½ bu., \$1.00; bu., \$1.75; 5 bu., @ \$1.60.**

**See Page 92 for Insecticides and Fungicides for Potatoes.**

## SELECTED NORTH DAKOTA EARLY OHIOS



**The Early Ohio is the standard seed potato of the country and North Dakota grown seed is recognized as best of all.** Our stock is of the best selected strain, of good shape, clean and vigorous, and is all North Dakota grown. The Early Ohio is a heavy yielder, uniform in size and unexcelled in eating quality and is probably more grown than any other single variety of potato. **Pk., 60c; ½-bu., \$1.00; bu., \$1.60; 5 bu., @ \$1.50.**

## SELECTED IRISH COBBLER SEED POTATOES



The Irish Cobbler is without doubt the best early white potato. It requires good, well watered soil, in which location it will outyield any other variety for our section. It is somewhat later than the Early Ohio, but much earlier than the Rurals. The skin is creamy white, the flesh mealy and of excellent cooking quality. If free from disease the Cobbler is an excellent keeper. Shape is nearly round, and eyes are few, very uniform in size and shape. **By express or freight, pk., 60c; ½-bu., \$1.00; bu., \$1.60; 5 bu., @ \$1.50.**

## EARLY TRIUMPH SEED POTATOES

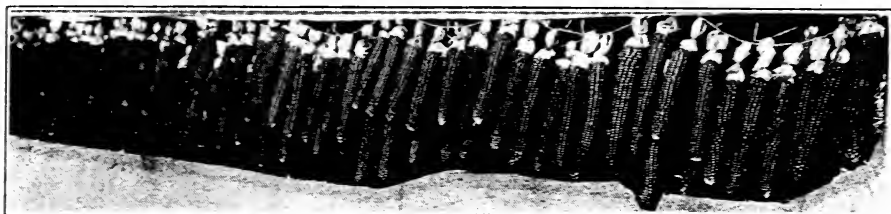
### The Most Popular Extra Early Sort

The Early Triumph is a roundish, red potato, somewhat earlier than the Early Ohio and a very good yielder on good soil with fair moisture conditions. It is a great favorite at the present time, and many carloads of seed from our state are shipped south where they are used to produce the early crop for the large markets. **Pk., 75c; ½-bu., \$1.20; bu., \$1.75; 5 bu. @ \$1.60.**

## SELECTED RURAL NEW YORKER SEED POTATOES

### The Best Main Crop Sort

As a main crop potato we offer the Rural New Yorker, a medium late white potato, which has, to a marked extent, all of the good points of the later white sorts. It is of round, slightly flattened type, even in size and a very heavy yielder. The tubers have but very few and shallow eyes which adds to its smoothness and eating qualities, and the flavor is excellent. It is just late enough for our climate, being considerably earlier than the Burbank. **By express or freight, pk., 60c; ½-bu., \$1.00; bu., \$1.60; 5 bu. @ \$1.50.**



## PIONEER BRAND SEED CORN

FROM THE MISSOURI VALLEY IN NORTH DAKOTA

Prices of Seed Corn include sacks, are F. O. B. here and subject to prior sale and change without notice.

Seed corn is our specialty—our stock is all grown from seed of our own selection. We hand sort all seed corn and both before and after shelling and testing store it in warm, dry buildings. No better grade of seed corn can be produced anywhere. Remember that we have bred and introduced practically all of the best varieties of corn for the Northwest. You will find them described in the following pages.

Every lot of corn is tested by us after being shelled and before shipment. In a favorable year we aim to keep our test above 90 per cent; in a year when seed is scarce, above 80 per cent. Mistakes will occur in the warehouse sometimes, and feed corn or the wrong sorts may be accidentally shipped out. Always notify us at once of any mistake or cause for dissatisfaction and wait to hear from us before disposing of the goods. We are always glad to make things right.

### TEST ALL SEED CORN WHEREVER OBTAINED

On this page you will see a photograph of a young woman, a girl of the Mandan tribe, and a great-granddaughter of the last Mandan Corn Priest. She is shown with some of the native Mandan corn which her people grew for hundreds of years in North Dakota and from which have come all of our hardiest and best varieties of corn for the Northwest. The perfecting and adapting of the Mandan Corn to this northern climate was a matter of centuries, and we can hardly hope to accomplish better results in a brief span of years—rather do we play the part of wisdom in using as our corn culture foundation these hardy, acclimated sorts. And such has always been the policy of our firm in its work with corn.

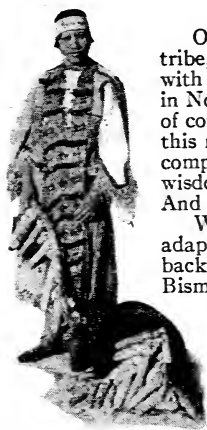
We are pleased to report that the past season has been a wonderful one for adapted varieties of corn in our territory in spite of the cool, wet summer and the backwardness of the crop early in the season. As a matter of fact, here about Bismarck, in addition to a first class grain crop, we have perhaps the largest yield of corn on record. It was a most peculiar year and served well to support our contention that **any kind of a year is a corn year in North Dakota if the proper varieties are grown.** We have noted no very good crops of the late varieties but the flints, the early dents and the semidents, especially **Falconer** have produced tremendous crops of mature corn.

When it comes to seed however the prospect is not quite so good. Late growth and suckering are responsible for a number of late ears which were soft when frozen and have to be carefully sorted out by hand. Yet good seed corn will be fairly plentiful, with high germination and vitality, and the price compared with last year very low.

Each year we grow more confident of the soundness of our advice to plant only the hardy, early varieties containing native blood, and the varieties which have been introduced by OSCAR H. WILL & CO. These you will find pictured and described in the following pages.

**OUR SEED CORN IS STATE VERIFIED AS TO ORIGIN**

**MANDAN—ZUNI WHITE FLOUR CORN**—The New Drouth Resistant, Leafy, Heavy Yielding Hybrid—A medium early flour corn, with **exceptional drouth resistant qualities**, and **wonderful silage and feed possibilities** on account of the length and number of its leaves, a quality peculiar to the desert corn of the Southwest which is one of its parents. The **ears are large and of excellent feeding quality.** It is a selection from a cross made by us a number of years ago between the drought resistant corn of the Zuni Indians who live in the most arid section of New Mexico in pueblos on the high mesas and the white flour corn from our own Ft. Berthold Indians. For drought resistance it should be planted unusually deep. **Lb., 40c; postpaid. By express or freight, 10 lbs., \$1.00; ½-bu., \$2.50; bu., \$4.50; 100 lbs., \$8.00.**



**WILL'S GENUINE DAKOTA WHITE FLINT CORN****The Earliest, Most Drought Resistant, Highest Yielding of the Early Flints****Our Seed Corn is State Verified as North Dakota Grown**

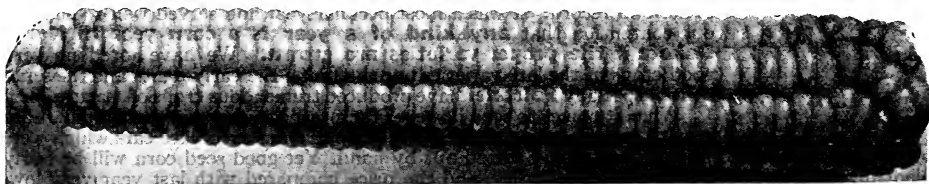
**DAKOTA WHITE FLINT**, the first corn developed by Oscar H. Will in the eighties, has stood the test of years and is a standard for earliness and hardness. It is a pure, pearly white flint with long slender ears which shell out the maximum amount of grain. A great many ears are borne to the hill which accounts for the exceptional yields, there being many reports of fifty and sixty bushels to the acre for small fields and forty to fifty bushels per acre in fields of forty, fifty or more acres.

Dakota White Flint corn matures with an unusually small moisture requirement and is the most frost resistant, and hail resistant of any known variety.

Stalks are leafy and bushy in appearance, ears grow low on the stalk which attains a height of from four to six feet in a fair to good year, being somewhat shorter in dry seasons. A wonderful variety for feeding in the fields as there are no coarse stalks, and every bit of stalks as well as grain is consumed with gusto by stock.

Do not confuse Dakota with other white flints. The Dakota is a grain producer with a small cob. Other flints with tremendous cobs which shell out a very low percentage are sometimes offered as Dakota. **1 lb., 30c, postpaid; 10 lbs., \$1.00; ½ bu., \$2.50; bu., \$4.50; 100 lbs., \$8.00.**

**Professor Walster says: "Apply this test to any seed corn variety offered you for feed or fodder purposes: How nearly ripe will it be by September first?"**

**THE NEW WHITE FLINT---SHOTA**

**SHOTA**, upon which we have been working for a number of years, is a pure white flint with ears considerably longer than those of the Dakota, and kernels a trifle larger. It grows from 6 in. to 1 ft. taller, and is about a week later. It produces quantities of fine feed as the main stalk is not heavy and there are many suckers. The ears grow well up from the ground. This variety is a cross made by us between a tall, rather late white flint from the Iroquois Indians of New York state, and our own Dakota White Flint. We feel that we have produced in SHOTA a new corn of real value. We are offering this year only a very limited stock. **1 lb., postpaid, 30c; by express or freight, 10 lbs. \$1.00; ½ bu., \$2.50; bu., \$4.50; 100 lbs., \$8.00.**

We have seed houses in Proctor and Duluth but I send to you because I want to be sure of good crop. Your seeds have never failed me either in Dakota or northern Minnesota.—Ed. Herbranson, Proctor, Minn. 11535

## WILL'S GEHU YELLOW FLINT

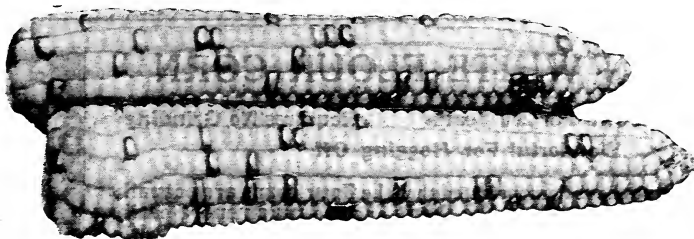


**GEHU**—The best known of our native early flints, might well be called the **universal corn**. We have shipped it to every continent and have had fine reports from it in Scandinavia, Northern Russia, Ireland, Scotland, South Africa and South America. It has been carefully bred by us for nearly forty years and shows the effect of this breeding. Its **feeding qualities are the highest** of any variety of corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk, and every part of the plant is utilized. It is drouth, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a corn binder. **Gehu is of a lemon yellow color, ears mostly twelve rowed, 7 to 10 inches in length. Stalks 4 to 6 ft. Ears 10 to 15 inches from the ground. Lb., postpaid, 35c; By express or freight, 10 lbs., \$1.00; ½ bu., \$2.50; bu., \$4.50; 100 lbs., \$8.00**

We have used your seeds for the last fifteen years and have had a good garden every year. Your Gehu corn is the best I have ever raised. Last year we had the best and tenderest lettuce from you. Your Prizehead cannot be beat and it was very dry here last summer.  
—Fred L. Stener, Berg, N. D. 8074

## BURLEIGH COUNTY MIXED CORN

**Hardest—The Original Dakota Squaw Corn—Earliest**

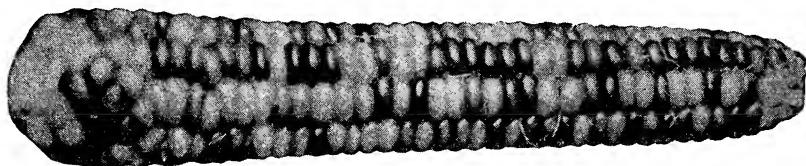


This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since, on account of its **extreme earliness**, and its **unusual hardness and heavy yield**. It is very resistant to both drouth and frost and fully as heavy a yielder as any variety of early flint. It is a flint corn of mixed colors, yellow, white, blue and red predominating; ears long and slender, mostly eight rowed. **Lb., postpaid, 35c. By express or freight, 10 lbs., \$1.00; ½ bu., \$2.25; bu., \$4.25; 100 lbs., \$7.50.**

**North Dakota Grown—State Verified Seed Corn**

## ASSINIBOINE FLINT CORN

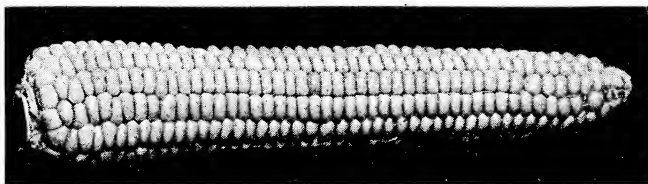
FROM THE CANADIAN INDIANS—EARLIEST TYPE OF CORN GROWN



This exceedingly early and hardy little corn was secured by us from the Assiniboine Indians of Saskatchewan and has been raised there for decades. It is **one of the very earliest and hardiest types of corn in the world. Ripens 10 days before the Gehu and Dakota** so has an especially useful place in **hogging off**. Yields only 15 to 20 bushels if checked in but if **drilled at the rate of 25 lbs.** per acre will yield as high as **40 or 50 bushels per acre. Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; ½ bu., \$2.75; bu., \$4.75; 100 lbs., \$8.40.**

## IVORY KING

The Wonderful and Prolific Corn for the Silo



We are again offering the Ivory King this year. This is a large type white flour corn such as was raised by the Indians in southeastern South Dakota, and which has given the highest yields of any corn in several of the tests made by the Bureau of Corn Investigations for that region. This variety has been raised in the eastern part of our state for some years now **both for silage and for ear production.** It is a trifle late for a sure ripening sort although it is as safe as most of the early dents. **As a producer of fine silage, however, it is without equal. The corn grows high enough to cut with a binder, the ears are of tremendous size and the stalk is very leafy. 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; ½ bu., \$2.50; bu., \$4.50; 100 lbs., \$8.00.**

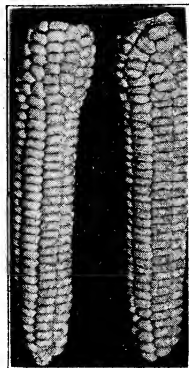
## MANDAN WHITE FLOUR CORN

North Dakota Grown For 200 Years

Requires No Grinding

Wonderful For Hogging Off

Government tests have demonstrated that the **flour corns are actually even higher in feed value than the dents** and are **much more easily ground up and digested by stock** than any other type of corn. In response to an urgent demand we have grown this year a sufficient supply of the white flour corn from the Mandan Indians to be able to supply it at reasonable prices for field purposes. This is as early as the early flints, a **very heavy yielder** of both fodder and ears, and certainly worthy of trial either for **hogging off or ripening. 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; ½ bu., \$2.50; bu., \$4.50; 100 lbs., \$8.00.**



Our Seed Corn is State Verified as to Origin.

# FALCONER CORN

## THE HIGHEST YIELDING OF ALL VARIETIES FOR THE NORTHWEST

State Verified Seed



**FALCONER SEMI-DENT** is enlarging the circle of its popularity each year and is **fast becoming the principal variety over much of the Northwest.** Our continued careful selection in the field, which we have been carrying on now for a number of years, is proving its value. With that selection and the fact that **FALCONER is the ideal type of corn for cold, drought and hail resistance** its popularity is not to be wondered at. It has been growing in its first form for more than forty years in Burleigh County, being a cross between the early native Indian flint and some yellow dent brought in by one of our pioneer settlers. Mr. Angus Falconer began many years ago to select it for uniformity of appearance and our first stock came from him and was therefore named for him. It is **consistently over our section the best yielder** year in and year out of any sort and while it is by no means as handsome as the pure dents it is very much more productive on the average. It is of a slightly uneven yellow color, ears are high enough to be easily cut with a corn binder, stalks are leafy and produce a high tonnage of edible feed. **By express or freight, 10 lbs., \$1.00; ½ bu. \$2.50; bu. \$4.50; 100 lbs. \$8.00.**

Up here on the roof of the world, elevation nearly 8,000, our last frost average date is May 15th. I plant my garden May 10th to 15th. We grow Falconer Semi-Dent Corn here but strawberries and gooseberries are the only fruit so the trees, etc., I am ordering of you will be an experiment.—E. P. McCombs, Fort Garland, Col.

## MANDAN IRIQUOIS

### NEW HEAVY YIELDING YELLOW FLINT

This promising variety is the product of a cross between the very early yellow flint from the Ft. Berthold Indians and a late yellow flint from the Iriquois Indians of New York. It grows some **6 ft. tall** with the **ears well up so that it may be readily bound.** Ears large. 12 rowed mostly, kernels large, color almost orange yellow. Very valuable both for **silage and ear production.** Especially suited for **hogging off after the earlier flints are used.** **Lb., 35c, postpaid. By express or freight, 10 lbs., \$1.00; ½ bu., \$2.50; bu., \$4.50; 100 lbs., \$8.00.**

North Dakota Grown—State Verified Seed Corn



# WILL'S ORIGINAL NORTHWESTERN DENT

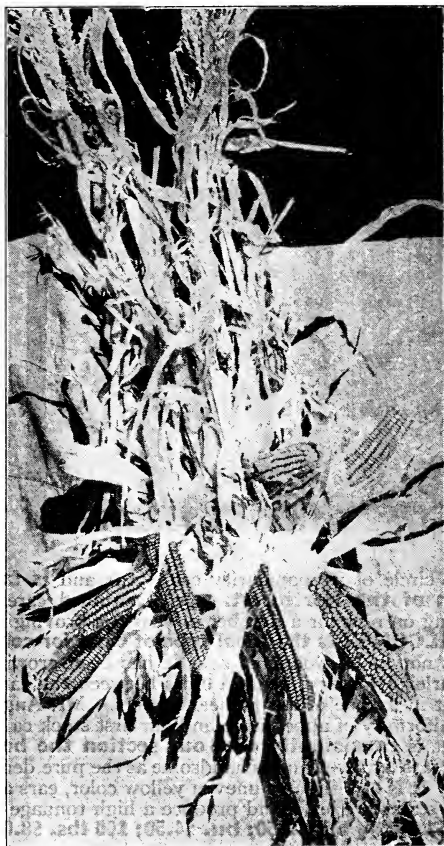
North Dakota Grown—State Verified Seed  
MOST POPULAR DENT IN THE NORTHWEST

The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest. So much so in fact that corn of every type, color and description has since been sold under the name which we gave to this early red dent. Bloody Butcher and Calico from South Dakota and Nebraska have disappointed many a farmer who had bought them as Northwestern Dent, and found them too tall and too late to be of any value. **The only safe plan therefore is to buy Will's Original Northwestern Dent from Oscar H. Will & Co.**

Northwestern Dent is more extensively grown than any other variety in the Northwest. It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. Our strain is the early one, from 5 to 7 ft. tall, and ripens in 80 to 90 days. **By express or freight, 10 lbs., \$1.00; ½ bu., \$2.50; bu., \$4.50; 100 lbs., \$8.00.**

## NORTHWESTERN DENT — HYBRIDIZED SEED FROM INBRED STRAINS.

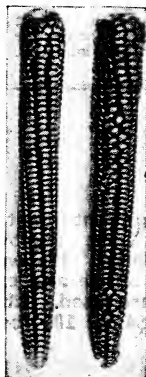
The latest discovery in corn breeding has demonstrated that the **heaviest yields are obtained by crossing strains of corn which have previously been carefully inbred.** We began our inbreeding 8 years ago and have proved the improved yield from crossing by several trials. This is the first year we are offering the hybridized seed which should give a greatly increased yield next year. **Price 1 lb. postpaid, 50c; by express or freight, 10 lbs., \$2.00; ½-bu., \$4.00; bu., \$7.50.**



## MANDAN KING

### THE HEAVY YIELDING, LONG EARED FLINT

Once more we have the Mandan King in sufficient quantities to list this year. It is a somewhat late, tall growing, leafy flint which is a tremendous yielder, often bearing three ears to the stalk. Ears are long and slender, dark red to reddish yellow, stalks slender so that there is no waste. The amount of feed produced per acre is almost unbelievable. **Postpaid, 1 lb., 30c; by express or freight, 10 lbs., \$1.00; ½ bu., \$2.25; bu., \$4.25; 100 lbs., \$7.50**



North Dakota Grown—State Verified Seed Corn.

## PIONEER WHITE DENT CORN

The Earliest, Hardest White Dent in Cultivation



**Pioneer White Dent** is perhaps the **surest pure dent variety that can be grown in the Northwest**, and is in addition the easiest dent to pick for those wishing only the grain crop.

It is perhaps even a little earlier than the Northwestern Dent, and cures much quicker as the cob is smaller. The habit of growth is straight and tall, the ears are borne well up, and the production of ripe ears is very high.

Pioneer Dent is the result of our own breeding and selection from a white dent obtained from Mr. B. F. Schuster of Wyndmere, N. D., 20 years ago, corn which he had at that time raised for twenty years in North Dakota.

This corn **has never failed to produce some ripe corn for us even in the worst years** and has proved an unusual success in eastern Montana where it is very popular.

The ears average 6 to 8 inches long, gently tapering, 14 to 16 rows of kernels which are white with occasional pink shading; cob mostly white; stalks 5 to 7 feet high; ears 24 inches from the ground. **1 lb., 30c, postpaid. 10 lbs., \$1.00; ½ bu., \$2.50; bu., \$4.25; 100 lbs., \$7.50.**

---

**North Dakota Grown Seed Corn—Verified by State Authorities**

---

## SWEET FODDER CORN

Wonderful Feed For Milk Cows



Sweet Fodder is coming to occupy a place of very high esteem as a feed for milk cows. Owing to the fact that **its sugar content is so high** it is a more concentrated feed than the ordinary corn. It is likewise a heavy yielder as it is so bushy, and there are no heavy coarse stalks which are usually waste. Prices are very reasonable this year. **Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; 50 lbs., \$4.50; 100 lbs., \$8.00.**

## NORTH DAKOTA GROWN—STATE VERIFIED SEED CORN

### SQUARE DEAL YELLOW DENT

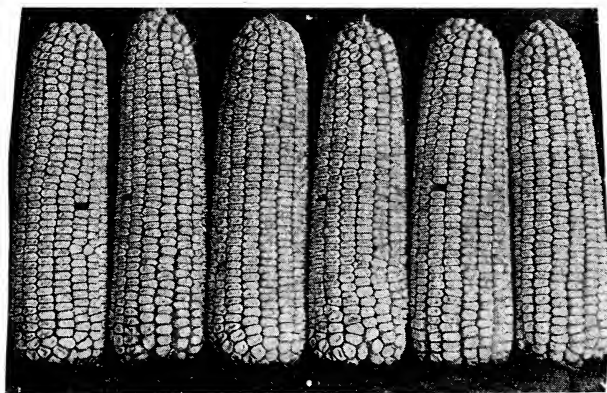


The Earliest Yellow Dent

**SQUARE DEAL** is a pure yellow dent with a red cob. The ears grow six to eight inches in length and contain from 12 to 16 rows, the 12 row ears predominating. Stalks grow about seven feet, with the ears about two and one-half to three feet from the ground. It has **the deepest kernel of any of the acclimated varieties**, and although the ears are smaller than the North-western Dent, **it shells at least 10 per cent more**. This corn is growing in favor very rapidly, and it bids fair to take first place among all the early varieties. We do not recommend this variety for light soils, but on rich, heavy land it will outyield any other extra early sort. **By express or freight, 10 lbs., \$1.00; ½ bu., \$2.50; bu., \$4.50; 100 lbs., \$8.00.**

## MINNESOTA 13 YELLOW DENT

### NORTH DAKOTA GROWN



**MINNESOTA 13** is one of the most popular varieties of corn for silage and fodder purposes in the Northwest. It is adapted, however, only to good soil and favorable conditions. It will mature in a favorable year, but is on the average somewhat too late for anything but feed in our climate. Its yield of fodder and silage is very heavy and it attains near enough to maturity so that there is much dry matter in the content. It grows to a height of from seven to nine feet, depending on the season, usually bears two large ears to a stalk, which are many-rowed, and of a beautiful rich yellow color. Cob is red. **Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; ½ bu., \$2.50; bu., \$4.50; 100 lbs., \$8.00.**

## 4X FODDER CORN

A Tall Growing, Leafy, Heavy Yielding Fodder Corn



Field of 4X Fodder Corn

The 4X is, we consider, the very best procurable fodder corn for Northwestern conditions. We get this grown just far enough south so that **the maximum quantity of fodder is produced** and at the same time the stalks come near enough to maturity so that they are **not all water**. The best time to cut corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten lbs. to  $\frac{1}{2}$  bu. per acre, if planted in rows 3 to 4 feet apart; if broadcasted, use about  $2\frac{1}{2}$  bu. **By express or freight, 10 lbs., 50c;  $\frac{1}{2}$  bu., \$1.50; bu., \$2.25; 100 lbs., \$4.00**

## MERCER YELLOW FLINT

THE TALL, LEAFY SILAGE CORN.

This is the first time for many years that we have listed the Mercer Flint. There is however quite a demand for it from the eastern part of the state, especially for silage purposes. There is little waste in converting it to silage on account of the slender stalk. Rather late, but often ripens. About as sure as early strains of Minnesota 13. **Lb., 35c, postpaid. By express or freight, 10 lbs., \$1.00;  $\frac{1}{2}$  bu. \$2.50; bu. \$4.50; 100 lbs. \$8.00.**

## UNUSUAL AND INTERESTING VARIETIES FOR TRIAL AND EXPERIMENT

We know that many of our customers are interested in experimental work with corn and in the observation of novel and little known sorts. We have therefore listed here a few of the many unusual types that we are constantly growing and observing, and we hope to present others each year. **Prices: 1 lb., postpaid, 50c; by express or freight, 5 lbs., \$1.30.**

**HOWE'S ALBERTA FLINT**—Probably the **earliest yellow flint corn in the world**. Developed as a selection or accidental hybrid from Golden Bantam by Professor Howe at Edmonton, Alberta, Canada. If drilled at the rate of one-half bushel to the acre this will produce as high as fifty bushels of corn. Undoubtedly has great value in hogging off.

**MANDAN BLUE FLOUR CORN**—This is one of the important varieties raised by the Indians of the Ft. Berthold Reservation. It is similar to the white flour except for the color which **ranges from clear blue to a brown**. Our seed came from the Mandan, Water Chief, a man of some distinction in the tribe, who took especial interest in preserving the old strains.

**MANDAN-NAVAJO HYBRID YELLOW FLOUR**—This is one of our **crosses between the peculiar flour corn of the Southwest desert regions and the Mandan yellow flour corn**. Ears are large and long, and borne very profusely. Corn matures about as early as Falconer.

**MANDAN YELLOW FLINT**—This is the small, pure yellow flint grown by the Ft. Berthold Indians. It is only a trifle later than Howe's Alberta and a heavier yielder. The Indians **consider it to be the earliest of all their varieties**.

## WILL'S CLEAN TESTED SEEDS

All prices include sacks. Remember this—it means a very great difference.  
Prices on all seed grain subject to change without notice.

We issue at intervals and as often as necessary, a **Field Seed Price List**, from January on, showing price changes and items on which we are sold out. We are always glad to mail it upon request.

**Freight rates count these days. Remember that we are located in the center of North Dakota with two railroad lines at our service and direct routes radiating in every direction.**

We offer herewith a selected list of seed grains all of which have proved exceptionally adapted to the Northwest. Most of them have been grown for us on contract and others have been bought only after careful examination.

**NOTICE**—We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds. **Field seeds and grain are sold under the non-warranty clause on first inside cover.**

### PIONEER BRAND SEED BARLEY

Sow  $1\frac{1}{2}$  to  $2\frac{1}{2}$  bushels per acre.

#### CHARLOTTETOWN NO. 80 BEARD

**SHEDDING**—This is a **New Two Row Barley** developed on Prince Edward Island and now grown in a great many parts of Canada, where it not only outyields other sorts but **produces a superior grade of grain which commands a premium.** It has been grown in our own state for several years now with the same good results. It has been demonstrated that the two row barleys are the best for at least the west half of North Dakota and this barley has the **very great additional advantage that the beards are shed when the grain is ripe** and are left on the ground at harvest time. The accompanying photograph shows the appearance of the ripe heads. **Matures in about 95 days. Lb., 25c, postpaid. By express or freight, 10 lbs., 50c;  $\frac{1}{2}$ -bu. 70c; bu., \$1.30; 100 lbs., \$2.55; 5 bu. or more at \$1.20.**

**ODERBRUCKER**—This is perhaps the standard variety of six-row barley. It does best on heavy, rich soil where it is a tremendous yielder. **By express or freight, 10 lbs., 40c;  $\frac{1}{2}$ -bu., 65c; bu., \$1.20; 100 lbs., \$2.50; 10 bu. or more @ \$1.15.**

**BLACK HULLLESS or BALD BARLEY**—A wonderful hog feed. Very early and a heavy yielder under fairly good conditions. Does well even on rather poor soil and if planted early will make a crop for hogging off in late July. Shells out of the head like wheat and is even heavier, weighing as high as 66 lbs. per bu. Drought resistant to a considerable degree. **Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 50 lbs., \$1.75; 100 lbs., \$3.25.**

**BURBANK'S WHITE HULLLESS or BALD BEARDLESS**—This is a six-row beardless barley which threshes out of the straw like wheat, producing a grain which resembles durum wheat in some respects and is exceedingly heavy. It is a good barley for dry sections as it is very early. Especially valuable for hogging off as there are no beards to bother the stock, as well as a wonderful hog feed when ripe and threshed. It is also sown for early hay. Sow 90 to 100 lbs. per acre. **Lb., 25c, postpaid. By express or freight, 10 lbs., 60c; 50 lbs., \$2.00; 100 lbs., \$3.50.**



Charlottetown Barley



White Hullless Barley

## PIONEER BRAND SEED OATS

Sow 1 to 2½ bushels per acre. Grain and Grass Seed Prices  
Subject to Change Without Notice.



Gopher Oats—Enlarged Photograph

**GOPHER—THE NEW EARLY AND HEAVY YIELDING OAT.** A product of the Minnesota Experiment Station breeding work. Gopher oats have demonstrated their value in our own state through their yields the past two years. Both in 1925 and 1927 they produced well over 60 bushels per acre, and even in 1926 were not a complete failure. A development by breeding and selection from the Kherson or Sixty Day type they combine extreme earliness with remarkable yielding qualities. Lb., 25c, postpaid. By express or freight, 10 lbs., 40c; ½-bu., 50c; bu., 90c; 100 lbs., \$2.70; 10 bu., @ 85c.

**EARLY MOUNTAIN OAT NO. 2—(Dickinson Sub-Station Strain.)** An oat of our introduction which has been improved by selection work at the U. S. Sub-Experiment Station at Dickinson. For all of fifteen years it has proven itself in recorded tests the best all round oat for the western half of the state. A white oat, very heavy with a thin hull, a good yielder and very hardy. First brought here from Switzerland by Mr. John Yegen, a Bismarck pioneer. Lb., 25c, postpaid. By express or freight, 10 lbs., 40c; ½-bu., 50c; bu., 90c; 100 lbs., \$2.70; 10 bu. or more @ 85c.

**SIXTY DAY OR KHERSON—**This is the earliest oat grown and ripens before wild oats under usual conditions. It is especially recommended by agricultural authorities for the drier sections and has given unusually good results in western North Dakota and eastern Montana. Kernels small, hull very thin and yellowish white in color, of excellent feeding qualities and a good yielder for so early an oat. Lb., 20c, postpaid. By express or freight, 10 lbs., 35c; ½-bu., 45c; bu., 80c; 100 lbs., \$2.50; 10 bu. or more @ 75c.

**HULLESS OATS—**This is one of the perennial novelty grains which have a new introduction with each generation. It is an excellent feed for poultry and young stock, for use in mashies and mixtures, and for making oat meal as it shells out of the straw like wheat. Reported as an excellent yielder. It is very handsome in appearance both unthreshed and in the grain. 1 lb., 20c, postpaid. By express or freight, 10 lbs., 70c; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$4.50.

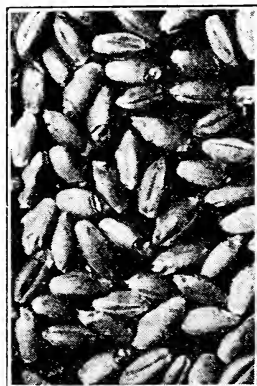
**VICTORY OATS—**An improved oat of the Swedish Select type, produced by the famous Swedish grain breeding station and brought to this country a few years ago. We are listing it instead of the old Swedish Select as it is giving so much better results. It is now perhaps the most popular variety throughout the Northwest, and has proved itself to be a wonderful yielder, with stiff straw, drouth and rust resistant and medium early. In the past year or two many yields of seventy to one hundred bushels to the acre have been reported. The grain is exceedingly plump and heavy. Lb., 20c, postpaid. By express or freight, 10 lbs., 40c; ½-bu., 50c; bu., 80c; 100 lbs., \$2.50; 10 bu. or more @ 75c.



Early Mountain No. 2

## PIONEER BRAND SEED WHEAT

**Prices Subject to Change. Write for Our Figures on Large Lots.**  
**Sow one to one and one-half bushels per acre.**



Garnet Wheat

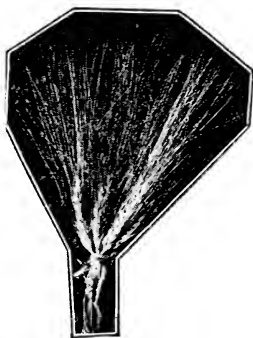
**GARNET from Canadian Registered Seed**—Garnet is the best considered of any of the newer Canadian varieties. It is particularly an **early wheat** being from 7 to 10 days earlier than Marquis. That means that it is often **out of the way before rust or dry weather strikes**. In its tests in North Dakota it has yielded very well in comparison with other sorts. Altogether it is probably **the very best of the early sorts** which includes the Ruby, Quality and the like. It is beardless with a medium length, rather plump kernel. **Price, 1 lb., 35c, postpaid; by express or freight, 10 lbs., 50c; ½-bu., \$1.20; bu., \$2.25; 5 bu., at \$2.20.**

**CERES from N. D. Official Seed**—Ceres is one of the **out-standing recent introductions** from the breeding work at the **N. D. Experiment Station**. It is a cross between Marquis and Kota and is bearded. It is **resistant to stem rust and leaf rust**, has a **stronger straw than Kota** and is a trifle earlier than Marquis. It is **high yielding** in all trials and is also of **exceptionally good milling qualities** by test. **Postpaid, 1 lb., 35c; by express or freight, 10 lbs., 50c; ½-bu., \$1.20; bu., \$2.30; 5 bu., or more at \$2.25.**

**KOTA SPRING WHEAT**—A **Rust Resistant, Drouth Resistant, High Yielding and Excellent Milling Hard Red Spring Wheat**. Kota has once again demonstrated its very **great resistance to rust**. It is fully as resistant as the D1 and Acme durumms and grades with Marquis in the markets. It makes an excellent flour, is a heavy yielder under good conditions and quite drought resistant. Kota is a bearded variety of the Preston type which has been developed at the North Dakota Experiment Station. **Postpaid, 1 lb., 50c. By express or freight; 10 lbs., 75c; ½-bu., \$1.25; bu., \$2.25; 5 bu., @ \$2.20.**

**MARQUIS WHEAT**—This variety is too well known to require any description. Our stock is **grown especially for us** from a registered stock of **seed which we secured in Canada**. It gave a splendid crop this year which was unaffected by rust, and weighs over 60 lbs. to the bushel. Marquis is still the **standard wheat of the Northwest**. **Postpaid, 1 lb., 30c; by express or freight, 10 lbs., 40c; ½-bu., \$1.15; bu., \$2.15; 5 bu. at \$2.10.**

**RUST RESISTANT AMBER DURUM—D1 or Monad Wheat** is perhaps the most valuable wheat introduction of recent years; while almost perfectly rust resistant it is also reasonably drouth resistant. We consider ourselves fortunate in having secured a good supply of the D1 which commands No. 1 Amber prices. We offer it as follows: **1 lb., postpaid, 30c. By express or freight, 10 lbs., 50c; ½-bu., \$1.45; bu., \$2.15; 5 bu. at \$2.10.,**



Kubanka

**KUBANKA DURUM**—This is the most rust resistant and productive of the ordinary types of durum wheat, produces grain of first quality amber durum and is very extensively grown, wherever the durumms are used. Our seed is of the genuine, pure Kubanka variety. **Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.40; bu., \$2.10; 5 bu., at \$2.00.**

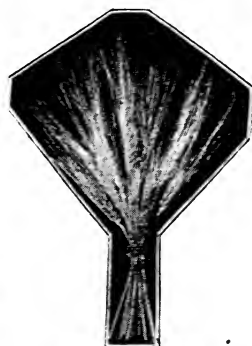
**ALGERIAN or BLACK BEARDED DURUM**—This is the very large kernel variety and we believe that our seed is the genuine Pelissier strain. It has proven perhaps the **most drought resistant of any variety**, and in the higher altitudes as in Montana, Wyoming and Colorado it has outyielded all other sorts. In marketing it grades as amber durum and often commands a premium as it is unusually handsome in appearance. **Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; ½-bu., \$1.40; bu., \$2.10; 5 bu. at \$2.00.**



## SPELTZ OR EMMER

40 lbs. to the bu. Sow  $1\frac{1}{2}$  to  $2\frac{1}{2}$  bu. per acre.

**SEED SPELTZ OR EMMER**—Speltz needs little praise as it is too well known to all our customers. The great drouth crop, it is as well the most widely valuable of any grain we have. Excellent alike for horses, cattle, hogs or poultry, it is certainly a general purpose grain. Speltz as well as being so universally valuable is one of our surest drouth resistant crops and in conjunction with corn will insure feed in the worst years. **Per lb., 25c, postpaid. By express or freight, 10 lbs., 40c; 1 bu., (40 lbs.), 90c; 100 lbs., \$2.00; 1000 lb. lots @ \$19.00.**



Speltz or Emmer

## PIONEER BRAND SEED RYE

Sow 1 to  $1\frac{1}{2}$  bushels per acre.

**NORTH DAKOTA GROWN SPRING SEED RYE**—Spring Rye is one of our most valuable crops, and is available for a number of uses. On light, poor soil it is the only small grain crop that will produce profitably. Sown late in the season it makes an excellent hay crop, and it may also be sown and used as hog or sheep pasture, with very good success. **Lb., 20c, postpaid. By express or freight, 10 lbs., 40c;  $\frac{1}{2}$ -bu., \$1.00; bu., \$1.50; 100 lbs., \$2.60.**

Prices on Winter Rye furnished on request after July 15th—we always carry Winter Wheat and Winter Rye in stock.

## PIONEER BRAND FIELD PEAS

Sow  $1\frac{1}{2}$  to  $2\frac{1}{2}$  bushels per acre.

Peas may be grown successfully on a variety of soils, but clay loam and soil well supplied with lime are best. Peas also require a fairly moist soil. Even a heavy clay soil will raise good peas.

### NORTH DAKOTA GROWN EARLY CANADA FIELD PEAS—

Field peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or spring rye. **Lb., 25c, postpaid. By express or freight, 10 lbs., \$1.25; 50 lbs., \$4.50; 100 lbs., \$8.00.**



Early Canada Field Peas

### WHITE MARROWFAT PEAS—

Not only a heavy yielding field pea but a good green pea and much used for canning. Shorter than Early Canada, averaging about  $3\frac{1}{2}$  feet high, and somewhat later, it is a heavy yielder of ripe peas and the quality of them is better. It will stand more hardship in the way of drouth, etc., than any other sorts. **1 lb., 25c, postpaid; 10 lbs., \$1.35; 50 lbs., \$6.00; 100 lbs., \$10.00.**

## COW PEAS

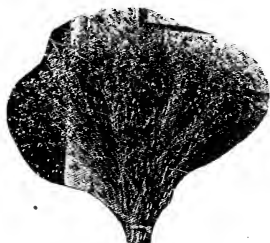
**WHIP-POOR-WILL**—This is a soil-enriching legume about which too little is known in the Northwest. The Whip-Poor-Will is an early variety maturing in about 90 days. Cow Peas, ripe, are valuable either as human food or food for stock. The vines make the finest kind of hay green and are eaten by stock; are an excellent silo filler, and may be pastured by hogs or cattle. Do not plant until the ground is warm. For pasture, hay or soiling, broadcast or drill with a grain drill at the rate of one bushel per acre. For seed sow in rows 36 inches apart and cultivate. **1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50; 50 lbs., \$5.00; 100 lbs., \$8.00.**

## PIONEER BRAND SEED FLAX

Prices subject to change. Write for quantity prices.

Prices Include Sacks.

Sow  $\frac{1}{4}$  to  $\frac{1}{2}$  bushel per acre.



Flax

**WILT RESISTANT SEED FLAX, THE ONLY KIND SAFE TO PLANT ON OLD GROUND**—Most of these varieties were developed at the North Dakota Experiment Station, and they have proved by many trials that they will produce a crop on old ground where the common sorts are practically destroyed by wilt.

There are a number of varieties of wilt resistant flax, most of which originated at our State Experiment Station. Probably the best are the **No. 114, No. 73, No. 52, Premost or Minnesota No. 25, and Linota.** We expect to be able to furnish at least one of these varieties, and perhaps all of them during the coming season. In ordering please state whether you will take any one of the other sorts in case we are out of the one you name or wish only the special kind ordered. **Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00;  $\frac{1}{2}$ -bu., \$2.25; 1 bu., \$4.00. Ask for prices on larger lots.**

**THE LATEST AND BEST in RESISTANT SEED FLAX—N. D. No. 119**—We have only a very limited supply of this new variety which in trials is giving the best results of any of the resistant strains both as to wilt resistance and yield. **Lb., 35c, postpaid. By express or freight, 10 lbs., \$1.00;  $\frac{1}{2}$ -bu., \$2.50; bu., \$4.50.**

**ARGENTINE FLAX**—This is a new sort brought in from Argentine Republic not long ago. It is a very tall, and large variety, a heavy yielder, and is said to be just as wilt resistant as our special resistant sorts. Has given excellent results in many places. **Lb., 30c; postpaid. By express or freight, 10 lbs., \$1.00;  $\frac{1}{2}$ -bu., \$2.25; bu., \$4.00.**

**CHOICE CLEAN SEED FLAX**—While we do not like to give up time and space for handling the common flax, yet the demand has been so urgent that we have planned once more to carry a limited supply of good quality seed. Samples sent on request and prices quoted. **Present prices: 10 lbs., 90c;  $\frac{1}{2}$ -bu., \$2.00; bu., \$3.75.**

## PIONEER BRAND BUCKWHEAT

Sow  $\frac{1}{2}$  to 1 bushel per acre, or 25 to 50 lbs.

Buckwheat is becoming more popular every year in the Northwest. May be sown as late as July first and mature a crop; does well on light soils, an excellent crop to smother weeds, and always a marketable grain.

**JAPANESE**—The Japanese buckwheat is the largest seeded variety grown, as well as the hardiest. It is a week earlier than the other sorts, stands up and produces a crop on poorer soil and is of good milling quality. We therefore consider it well suited to our climate even though the yield under the best conditions may fall a little short of the later sorts. **Lb., 20c, postpaid. By express or freight, 10 lbs., 70c; 25 lbs., \$1.00; 100 lbs., \$3.00.**

**SILVER HULL**—This is the later, heavier yielding variety which is common in the east, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers.

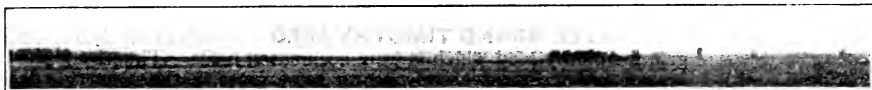
**Lb., 20c, postpaid. By express or freight, 10 lbs., 70c; 25 lbs., \$1.00; 100 lbs., \$3.00.**



Japanese Buckwheat

Would like to say that we had some of your seed a year or two ago, and found them to be exceptionally good.  
—R. L. Thompson, Snoqualmie, Wash.

## WILL'S PIONEER BRAND GRASS SEED



**WESTERN RYE or SLENDER WHEAT GRASS**—The best hay grass for the Northwest, the best dry land lawn grass, hardy, drought resistant, of good quality, a native variety. This grass is being increasingly grown in the Northwest and wherever tried gives the greatest satisfaction. In Canada it is already recognized as one of the most important features of their agriculture. It is not as rank a grower as brome grass but is relished more by stock. Does not suffer from close pasturing and **makes an excellent hay.** We have demonstrated by experiment during the past several years that **it is the best grass to use for lawn purposes under severe conditions** and where water is not available. It stands cutting better than the brome grass, and looks much better on account of its finer

foliage. **Postpaid, 1 lb., 30c; 5 lbs., \$1.20; by express or freight, 15 lbs., \$2.00; 50 lbs., \$5.00; 100 lbs., \$10.00.**



Western Rye

### **BROME GRASS**—Austrian or Russian,—*Bromus inermis*.

Brome Grass, which has come to be the most important tame grass for Northwestern conditions, is an exceedingly valuable pasture grass, especially for early spring and late fall, but produces only a rather poor quality of hay. **For hardiness and general resistance to severe conditions, it is unequalled.** Is a good producer of turf and valuable on sandy soils as it roots deeply and binds loose soils together. A very large percentage of brome grass seed contains also seeds of the noxious quack grass. Such seed is not permitted to be sold in North Dakota by state dealers over whom our State Seed Commissioner has control, but may be shipped in by outside dealers. We urge therefore, that you **buy brome grass seed from reputable seedmen within the state**, whose seed has been inspected and passed on in the State Seed Laboratory. We confine ourselves to the North Dakota grown product, which is heavier and germinates a greater per centum than any other we have ever tested. The seed we offer is thoroughly matured and dry. Sow 7 to 15 pounds per acre. **Lb., 35c, postpaid. By express or freight, 1 lb., 25c; 15 lbs., \$2.25; 50 lbs., \$7.00; 100 lbs., \$13.00.**



Brome Grass

I bought seeds of you some ten or twelve years ago while living in South Dakota and have never been able to get as good seed elsewhere—Mrs. David A. Boyd, Livingston, Mont.

## OTHER GRASS SEEDS



Timothy Heads

**PIONEER BRAND TIMOTHY SEED**—We offer only North Dakota grown timothy seed which is from acclimated fields. Timothy is the best known and most extensively grown tame grass in the country. It is a hardy grass so far as standing the winters, but does not do well in a dry year or on poor soil. For rich, well watered land no grass can equal it; elsewhere, we do not recommend it for the Northwest. **1 lb., 30c, postpaid. By express or freight, 1 lb., 20c; 10 lbs., 90c; 50 lbs., \$4.00; 100 lbs., \$7.00.**

**RED TOP OR HERD'S GRASS**—Useful in the Northwest principally for seeding low moist spots, slough beds, basins, and any place where the water may stand at times. It is hardy in such places and will even grow where there is some alkali present. An excellent pasture grass as well as a hay producer. We handle only the fancy solid seed, of which only 4 to 5 pounds are required to the acre. **1 lb., 55c, postpaid. By express or freight, 1 lb., 45c; 10 lb., \$3.00; 50 lbs., \$12.00; 100 lbs., \$22.00.**

**MEADOW FESCUE OR ENGLISH BLUE GRASS**—This grass, while not as valuable as Bromus and Western Rye, is one of the hardiest grasses for the Northwest. It is an excellent permanent pasture grass, and the quality of the grass is high for feed purposes. This grass roots deeply and therefore withstands drought and heat exceptionally well.

It also withstands severe cold very well. Also useful for a hay producer, growing to the height of three feet, and possessing very nutritious qualities. Sow 15 to 20 pounds per acre. **1 lb., 55c, postpaid. By express or freight, 10 lbs., \$3.00; 25 lbs., \$6.00; 50 lbs., \$11.00; 100 lbs., \$20.00.**

**KENTUCKY BLUE GRASS**—We handle nothing but the fancy, clean seed, the very best procurable, without regard to cost. Blue Grass is not valuable as a hay crop but makes good pasturage. It will stand considerable hardship, but should not be sown on high rolling prairie land in the Dakotas, as in such localities it is liable to be damaged in case the soil freezes up dry in the fall. Sow 20 pounds per acre. **1 lb., 65c, postpaid. By express or freight, 1 lb., 50c; 10 lbs., \$3.50; 25 lbs., \$8.00; 50 lbs., \$15.00; 100 lbs., \$28.00.**

## RAPE

**DWARF ESSEX**—This plant, which is related to the rutabaga family, is one of the very best forage plants for pasturing cattle, hogs, or sheep, as well as for silo filling. Thrives best in low moist soil such as slough, lake bed or a coulee bottom. In such places it will produce a tremendous quantity of feed, growing out as fast as it is eaten off. **Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50; 50 lbs., \$5.50; 100 lbs., \$10.00.**



## PEANUTS

**MAMMOTH VIRGINIA**—The most prolific variety to grow, and more desirable than the common spreading kind, because more easily cultivated. It has very erect stems and upright foliage, and the largest pods and kernels of any variety. Sow in drills four feet apart, placing the nuts six inches apart. **Pkt., 10c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 45c, postpaid. By express or freight, 1 lb., 35c; 5 lbs., \$1.50.**

**SPANISH**—Earliest variety grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. **Pkt., 10c; ¼-lb., 15c; ½-lb., 25c; 1 lb., 35c, postpaid. By express, 1 lb., 30c; 5 lbs., \$1.10.**

## WILL'S PIONEER BRAND MILLET SEED

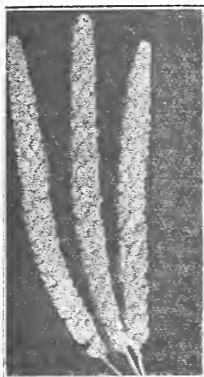
Millet prices include sacks, and are subject to market changes without notice.

Write for prices on large lots. Sow 15 to 30 pounds per acre. In case of price advances or reductions, value will be sent. Get Our Special Price List.

**SIBERIAN MILLET**—This variety is the most planted of the extra hardy sorts. It is more drought resistant than the German and produces a finer quality of hay, although it is slightly outyielded by the German under favorable conditions. It does not degenerate from being planted in the north as does the German and therefore northern grown seed is fully the equal of the southern. The seed is mostly red with some lighter mixture. We have both northern and southern grown stocks. **Lb., 20c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$2.75; 100 lbs., \$5.00.**



Siberian Millet



White Wonder

raska from which region comes the German millet best adapted to our requirements in the Northwest. A wonderful producer of hay and exceedingly valuable as a food for dairy cattle though the stalk is sometimes considered too coarse. **By express or freight, 10 lbs., 75c; 50 lbs., \$2.75; 100 lbs., \$5.00.**

**JAPANESE MILLET**—This variety is of a different family from the others. It does best on heavy, moist soil where it will usually produce two cuttings or a great amount of pasture. It is better for horses than the ordinary sorts. **Lb., 25c, postpaid. By express or freight, 10 lbs., 80c; 50 lbs., \$4.00; 100 lbs., \$7.00.**

### WHITE WONDER MILLET

The White Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drought resistant with heavy foliage and broad leaves, producing an immense amount of excellent fodder. Its growth is very vigorous and in its earliness it is one of the very heaviest yielding varieties. Due to its rapid growth it is a fine crop for smothering weeds on foul land. **1 lb., 25c, postpaid. By express or freight, 10 lbs., 70c; 50 lbs., \$2.50; 100 lbs., \$4.75.**

**HUNGARIAN MILLET**—This variety is one of the best adapted to northern conditions of any sort. It is better suited to cooler weather than any other kind, and under such conditions, will mature seed which does not degenerate as does the northern grown seed of some sorts. It is an exceptionally fine hay crop as to quality and fineness and a good yielder as well. **Lb., 25c, postpaid. By express or freight, 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$7.00.**

### SOUTHERN GROWN GERMAN MILLET

This is German millet, sometimes called Golden,

raised in the latitude of Kansas and southern Nebraska, raised in the latitude of Kansas and southern Nebraska, raised in the latitude of Kansas and southern Nebraska.

**JAPANESE MILLET**—This variety is of a different family from the others. It does best on heavy, moist soil where it will usually produce two cuttings or a great amount of pasture. It is better for horses than the ordinary sorts. **Lb., 25c, postpaid. By express or freight, 10 lbs., 80c; 50 lbs., \$4.00; 100 lbs., \$7.00.**

## PROSO TYPE MILLET

**EARLY FORTUNE OR RED PROSO**—This red form of the proso or hog millet type is in especial favor for mixture in poultry foods and many tons are imported every year for that purpose. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. **Lb., 20c, postpaid. By express or freight, 10 lbs., 50c; 50 lbs., \$2.00; 100 lbs., \$3.75.**

**BROOM CORN OR HOG MILLET**—This is the most common of the millets grown for seed production. The seed is an excellent feed for hogs, cattle and poultry. It is said to be very good also as a breakfast food for human consumption. The seed has very high food value. A great drought resister. Color whitish yellow. **Postpaid, lb., 20c; by express or freight, 10 lbs., 60c; 50 lbs., \$2.25; 100 lbs., \$4.00.**

**TAMBOV or TURGHAI PROSO**—We are exceedingly glad to be able to offer once more this very excellent variety of proso which we have been unable to furnish for the past year or so. We believe it to be the heaviest yielder of any proso, the earliest, and a tall growing, non-lodging variety as well. The seed is a rich, dark brown in color, and of very beautiful appearance. Sells on the market at red proso prices. Very valuable as poultry feed, as well as feed for all kinds of stock, the straw also having unusually good feeding quality. **Lb., 25c, postpaid. By express or freight, 10 lbs., 50c; 50 lbs., \$2.25; 100 lbs., \$3.80.**



Proso



Hungarian

## SORGHUMS

Prices Include Sacks and are subject to change. Write for Special Prices on Large Lots

The Sorghums are coming more and more to occupy an important place in the agriculture of the Northwest as diversified farming increases. Being extremely drouth resistant as well as very heavy yielders they are among the very best crops for the whole section, and no better feed for dairy cows or beef stock can be grown.

**Do not plant Sorghums before June.**



**EARLY AMBER CANE SEED**—Cane is rapidly gaining in use as a cow feed, both for the silo and to cut and dry for fodder. The **EARLY AMBER** variety is the earliest and the only one coming near enough to maturity to be valuable in the Northwest. It is very drouth resistant and will stand still during dry weather and start to grow again with the first rain. May be broadcast at the rate of 40 to 50 lbs. per acre or drilled at the rate of 20 to 30 lbs., or even better planted with a corn planter at the rate of 5 or 6 lbs. **Lb., 20c, postpaid. By express or freight 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.00.**

**DAKOTA AMBER CANE**—The best sort for syrup making in the north. This is seed of the amber variety which has been raised in one of the Dakotas or Minnesota, and which is perhaps a trifle earlier than the southern grown, and not quite so tall. **1 lb., 25c, postpaid. By express or freight, 10 lbs., \$1.00; 50 lbs., \$3.25; 100 lbs., \$6.00.**

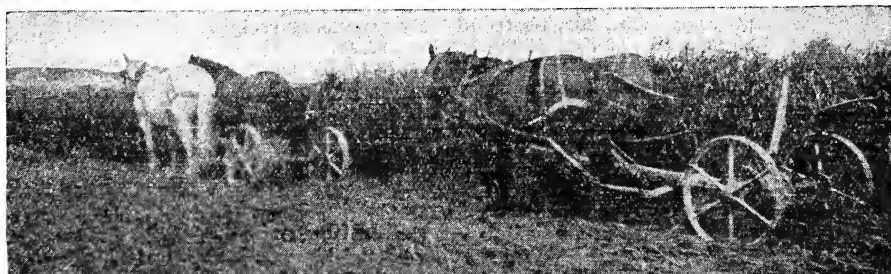
**FETERITA**—This is the earliest of the so-called non-saccharine sorghums, a relative of Kaffir corn but earlier.

One of the most drouth resistant of all forage plants, more so than cane, and in a favorable season will mature in some parts of the Northwest. An excellent silage and forage crop, and the ripe seed is a fine grain feed. **Postpaid, 1 lb., 20c; 10 lbs., \$1.00; By express or freight, 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.00.**

**SUDAN GRASS**—Sudan has come to be one of our very most important hay crops in the Northwest, replacing the millets to a considerable extent. It has proved its suitability to all sections of our state, and the fact that it will produce from two to three crops of hay instead of just one places it ahead of most other crops. It has been especially valuable in the drier sections of the Great Plains, even north into Canada. As hay it is valuable alike for cattle, horses and all other live stock, not having any ill effects of any kind. It is equally valuable as a pasture, producing an unbelievable amount of feed for hogs, cattle or sheep. In poor soil drill in rows 18 to 30 in. apart and cultivate; on well watered land it may be drilled thickly or broadcast. In the first case use 4 to 6 lbs per acre. When sown thickly use 16 to 20 lbs. Sowing before warm weather stunts the crop. **Lb., 30c, postpaid. By express or freight, 5 lbs., 80c; 50 lbs., \$3.50; 100 lbs., \$6.25.**



Sudan Grass



Sudan Grass on the Ranch of Miss Bess Bridges, Little Missouri Bad Lands, North Dakota.



## SOY OR SOJA BEANS

### WISCONSIN EARLY BLACK and MINNSOY—

We are very glad to be able to offer North Dakota grown soy beans this year, and the two best and earliest sorts for our section. We can not guarantee to supply both sorts throughout the season, but shall be able to furnish one or the other. Soy beans have been proven to be a good crop wherever in the Northwest the early dent corn can be matured. They are of value in a number of ways, having an unusually high food content both as green feed, hay and ripe grain, as well as a soil restoring power that equals or exceeds that of clovers. Even the dry threshed straw is said to be more palatable than the best hay. Soy beans are an especially good crop for light soils and in sandy location. Remember that we offer only Northern grown seed of the earliest sorts. **Price, 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.25; 50 lbs., \$4.50; 100 lbs., \$8.00.**



Soy Beans

**SUNFLOWER SEED—Mammoth.** An established silage crop for the Northwest as well as a profitable seed crop, the sunflower is being used more and more each year. It is a plant which originated in the plains region of North America whence it has been carried to all parts of the world and it is therefor especially adapted to our climate. Has produced as high as 12 tons of silage per acre in western North Dakota, and the silage is of exceptionally fine quality and much relished by cattle. **Lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50; 25 lbs., \$3.00; 50 lbs., \$4.00; 100 lbs., \$7.50.**



### INOCULATE ALL PEAS, BEANS, CLOVER, ALFALFA, COW PEAS AND SOY BEANS WITH NITRAGIN INOCULANT



It is almost a waste of seed to plant any of the above items without inoculating them first. The inoculant bacteria are necessary to make the plant thrive as well as to increase the nitrogen content of the soil. We have found the NITRAGIN brand to be both inexpensive and very efficient.

Specify which of the following seven cultures you wish: A, for alfalfa and sweet clover; B, for all other clovers; C, for all varieties of peas, sweet peas, vetches and lentils; D, for all sorts of field and garden beans; E, for cow peas, lima beans, velvet beans, and peanuts; S, for all varieties of soy beans. **One fourth bu. size, 40c each; 45c, postpaid; 1/2-bu. size, 60c; 65c, postpaid; 1 bu. size, \$1.00, postpaid, \$1.10; 5 bu. size, \$4.75; \$5.00, postpaid. Special price for type S for soy beans. 1/2-bu. size, 40c; 45c, postpaid; 1 bu. size, 70c; 75c, postpaid; 5 bu. size, \$2.50; \$2.75, postpaid.**

**GARDEN PACKAGE of NITRAGIN—For Sweet Peas, Garden Peas and Beans, lima beans and other leguminous plants that are planted in the garden. Handy size package of mixed inoculation. Postpaid, 1 can, 25c; by express or freight, 20c.**



Dont forget to send me one of your catalogs as I was disappointed last year. Your seeds are the best I have ever planted.—John M. Simmons, Richfield Springs, N. Y. R. I.



## OUR ALFALFA AND CLOVER SEED

We have a Scarifying machine in our warehouse, through which we run our alfalfa and clover seed. This adds to our expense in handling the seed, but increases the germination by from ten to thirty, or even forty per cent in some cases. All our seed is scarified.

With the exception of postpaid prices on small lots we do not guarantee prices here quoted for any length of time, as they are subject to change without notice. Therefore, unless your order states plainly not to ship except at list prices we will execute the order at the best possible price, whether higher or lower—if higher, we will send value of remittance. If lower, will send your money's worth.

## PIONEER BRAND ALFALFA SEED



**REGISTERED NORTH DAKOTA GRIMM ALFALFA—State Sealed.** This is seed from fields of Grimm which are registered at the State Agricultural College and the pedigrees of which are on file there. Certain requirements in handling make this seed more expensive to list, but we are carrying it in response to the demand from those who wish to grow alfalfa for seed and to sell registered seed themselves. **Lb., 75c, postpaid. By express or freight, 10 lbs., \$5.50; 50 lb. sack, \$23.00; 100 lbs., \$45.00.**

**NORTH DAKOTA GRIMM—The hardiest of all Grimm strains.** Recently Grimm from Idaho and other milder climates has been offered at lower prices than our stock, but we feel that it is not tested by the same severe conditions as the hardy dry land grown sorts from the Northwest and we advise our northern customers to stick to the tested strains. **We require an affidavit and pedigree with every lot of seed which we purchase;** these are placed on file and each lot is given a special letter or number so that it may be readily looked up on request. Every shipment of Grimm or Cossack bears a small green tag upon which the lot letter or number is stamped. Customers should preserve this tag and always give the lot designation when writing to us for information with regard to their seed. We are this year shipping the Grimm in 50 lb. sacks. **1 lb., 70c, postpaid. By express or freight, 10 lbs., \$4.50; 50 lb. sack, \$19.00; 100 lbs., \$38.00.**

**COSSACK ALFALFA—**This is an exceptionally hardy alfalfa brought from Siberia by Professor Hansen. It is a heavy yielder as well as being very cold and drouth resistant. Very similar to Grimm in all respects as shown by our many years' trial. We are informed by ranchers of the Little Missouri Bad Lands that the Cossack is preferable to Grimm and a better yielder on the heavy clay or gumbo soil of that region. This also we are sending out in strong 50 lb. sacks. Each lot is lettered. **Lb., 70c, postpaid. By express or freight, 10 lbs., \$5.50; 50 lb. sacks, \$25.00 each.**

**HARDY LISCOMB ALFALFA—**This is one of the extra hardy variegated blossom sorts which has proven exceedingly hardy and drouth resistant in the drier sections of Montana. It has also given excellent results in our section. **Lb., 50c, postpaid. By express or freight, 1 lb., 40c; 10 lbs., \$3.75; 50 lbs., \$16.00; 100 lbs., \$30.00.**

**NORTH DAKOTA ALFALFA—**We wish to call especial attention this year to our North Dakota grown, scarified alfalfa seed. While not of a pedigree strain this seed comes from the western part of the state where the fields from which it was raised have been subjected to the most severe weather conditions for a period of five or more years. **1 lb., 50c, postpaid. By express or freight, 1 lb., 40c; 10 lbs., \$3.00; 50 lbs., \$14.00; 100 lbs., \$27.00.**



## SWEET CLOVER

### THE GREAT PASTURE AND HAY CROP AND BEE PASTURE

Prices Include Sacks—Seed is Scarified

**WHITE BLOSSOM BIENNIAL**—The Tall, Late Sort that is in greatest demand if you wish to sell seed. This is the only kind used in Iowa and Illinois where 90% of the seed from the Northwest is sold. Must be cut high for hay as it grows from the bases of the branches. A wonderful pasture plant. **1 lb., 30c; postpaid. By express or freight, 10 lbs., \$1.75; 50 lbs., \$6.50; 100 lbs., \$12.50.**

**GRUNDY COUNTY SWEET CLOVER**—This is a white blossom strain which is nearly two weeks earlier than the ordinary sort and not quite as rank a grower. It is increasing in popularity principally on account of its earliness. **1 lb., 35c, postpaid. By express or freight, 10 lbs., \$2.00; 50 lbs., \$8.00; 100 lbs., \$15.00.**

**HUBAM or ANNUAL WHITE SWEET CLOVER**—This has come to have an established place as a soiling crop, and even more so as a good annual hay crop which may be planted earlier than such crops as the sorghums. It is a heavy yielder, and while producing hay or excellent pasture it also adds fertility to the soil at the same time. **1 lb., 60c, postpaid. By express or freight, 1 lb., 50c; 10 lbs., \$3.50; 50 lbs., \$13.00; 100 lbs., \$25.00.**



Biennial White Blossom



Yellow Blossom Sweet Clover

**YELLOW BLOSSOM SWEET CLOVER**—(Biennial.) This clover is somewhat better adapted to the higher and drier locations than is the white. It is an excellent hay crop and may be cut close to the ground like alfalfa as it has a similar crown. Finer foliage and not so tall as the white. **1 lb., 35c, postpaid. 10 lbs., \$2.00; 50 lbs., \$7.00; 100 lbs., \$13.50.**

**GET OUR FREE BOOKLET ON SWEET CLOVER IF INTERESTED**

## PIONEER BRAND CLOVER SEED

In Event Prices Change We Shall Send Value Unless Otherwise Instructed.

Sow 6 to 10 pounds per acre. Prices include Sacks.

**WILL'S NORTH DAKOTA GROWN MEDIUM RED CLOVER**—While we have hesitated about advocating the Medium Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and eastern Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. Be sure and get our extra hardy and vigorous North Dakota grown seed. **1 lb., 55c, postpaid. By express or freight, 10 lbs., \$4.00; 50 lbs., \$19.00; 100 lbs., \$37.00.**

**MAMMOTH RED CLOVER**—This is similar to the medium Red but a heavier and ranker grower, an exceptionally valuable clover for pasture purposes. North Dakota grown seed. **1 lb., 55c, postpaid. By express or freight, 10 lbs., \$4.00; 50 lbs., \$19.50; 100 lbs., \$38.00.**

**ALSIKE or SWEDISH CLOVER**—This clover is hardy and cold resistant, and is a very valuable pasture plant. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. **1 lb., 45c, postpaid. By express or freight, 1 lb., 35c; 10 lbs., \$3.75; 50 lbs., \$18.00; 100 lbs., \$34.00.**

**WHITE DUTCH or LAWN CLOVER**—White clover is a hardy, low growing, perennial variety that is used in some sections for pasture, and is **universally used for lawns**, either alone or in combination with grasses. **1 lb., 75c, postpaid. By express or freight, 5 lbs., \$3.00; 10 lbs. or more, @ 55c.**

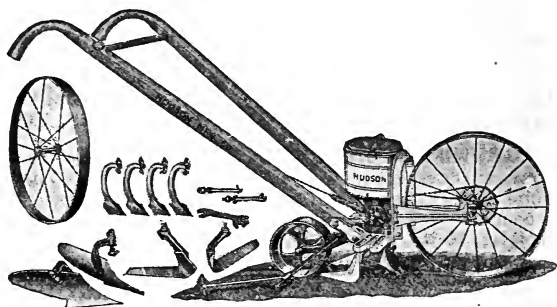


Alsike

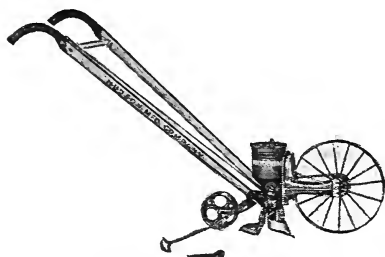
## GARDEN SEEDERS AND CULTIVATORS

### HUDSON COMBINATION SEEDER AND CULTIVATOR NO. 201

—We are again offering this new machine which we can thoroughly recommend. It combines a high grade drill and seeder with both two and one wheel cultivators and sells at a very reasonable price for so excellent a machine. The illustration will give an idea of the equipment which is very complete. **Price, boxed, handles furnished, by freight or express, F. O. B. here, \$16.00.**



Hudson No. 201

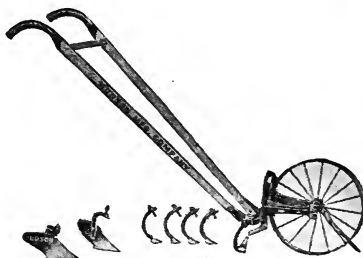


Hudson Seeder No. 205

**HUDSON SEEDER NO. 205**—Designed for the market gardener who does a great deal of seeding, and must always have a seeder set up ready for use. Can be made into a cultivator by adding the cultivating equipment as the steel frame and arch are standard. Will sow all seeds from beans down to the very finest garden variety, either in continuous drills, or in hills spaced from 4 to 24 inches apart. The all brass seed regulator is absolutely accurate and gives perfect control of the seed flow. The adjustable furrow opening shoe permits planting at any depth up to 2 inches. **Price, complete, boxed, by express or freight, \$14.60. Shipping weight, 44 pounds.**

**HUDSON CULTIVATOR NO. 218**—This single wheel cultivator is a practical tool for the small gardener. It can be used as a hoe, plow or cultivator, working between the rows. **By express or freight, boxed, \$9.00. Shipping weight, 32 pounds.**

**HUDSON DOUBLE WHEEL HOE NO. 214**—Same as No. 218 except less cultivator teeth and plows, but with an extra wheel for cultivating astride row. **By express or freight, boxed, \$9.00. Shipping weight, 32 pounds.**



Hudson Cultivator No. 218

**HUDSON NO. PE3 SINGLE WHEEL CULTIVATOR AND PULVERIZER**—This is one of the handiest little machines for the garden that we have ever seen. Can be used in any rows between twelve and six inches apart; consists of a weed cutting blade in front followed by five stirring and pulverizing teeth. Easy running, strong and sturdy. **Shipping weight 12 lbs. By express or freight \$3.55.**

Have been your customer for many years; my first order from Sisseton, S. D. for 2000 cottonwood trees now stands like a great landmark for that vicinity. Planted them in 1892.—A. D. Paulson, Poplar, Montana.

I am sending you a photo of my Compass cherries that I bought from you in 1923. They are just coming in bloom; they have been bearing every year for the last three years.—John Wagner, Caldwell, Montana.

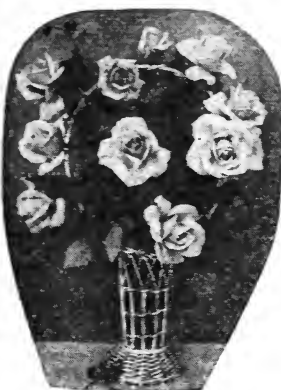
Just a line to say our hedge is fine. Trimmed it back four inches from the ground, and all five hundred are growing fine.—Mrs. Chas. Sage, 729 2d St., Havre, Montana.

## GREENHOUSE DEPARTMENT

We grow and offer very fine seasonable CUT FLOWERS. Send us your order. Sprays, wreaths and other funeral flowers made up by an expert designer. Flowers for parties holidays, the sickroom, etc. We make immediate deliveries to both the Bismarck Hospitals. Mandan deliveries 50c extra.

**WILL'S FLOWERS-By-Wire Service.** We are members of the Florist's Telegraph Delivery Association. Guaranteed Service. Flowers delivered any time and anywhere. No extra charge except the telegram used for rush orders.

**PARCEL POST**—Please note that we list a postpaid price for any article which may be sent by mail. If you desire parcel post shipment kindly remit at that rate. We cannot guarantee safe delivery of plants and flowers sent by parcel post.



### BEDDING PLANTS (Shipped Out of Pots)

By express, 15c each; 2 for 25c; \$1.50 per doz. Postpaid, each, 25c; per doz., \$2.25.

**ANTIRRHINUM**—(Snapdragon.) Maximum flowered. White, yellow, pink and red.

**COLEUS**—Foliage Plant, fine for borders, yellow, red and variegated.

**CALENDULA**—(Orange King.) Orange color and continuous bloomer.

**FEVERFEW**—Clusters of small white flowers. For bedding or cemetery use.

**LOBELIA**—Trailing. (For window boxes, etc.) **Compacta** (Dwarf type for edgings, etc.) Dark blue flowers, small green leaves.

**PETUNIAS**—(Single.) Giant and Frilled varieties, all colors. Also the Rosy Morn type in pink and blue.

**SALPIGLOSSIS**—(Painted Tongue.) The Orchid of annual flowers. Mixed colors. Fine for cutting.

**SWEET ALYSSUM**—Dwarf white flowered border plant.

**VERBENA**—White, Pink, Red, Blue and Purple. **ZINNIA**—Dahlia Flowered. Mixed colors. This favorite is very easily grown. Used in place of Asters.

Prices on the following plants and vines: 35c each; 3 for 90c; \$3.50 per dozen. Postpaid price 45c each; \$4.25 per dozen.

**BEGONIA**—(Gracilis Luminosa.)—Always in bloom. Foliage dark green tinged red. Fiery scarlet flowers.

**BEGONIA**—(Prima Donna.)—Everblooming. Rose pink flowers, green leaves.

**DAISY**—(Marguerite.) Single White.

**DAISY**—(Mothers Pearl.) White, double.

**FUCHSIA**—Fine both for the house and in shady places outdoors. Pendant blooms of pink, with white or pink centers.

**GERANIUMS**—(From 3 Inch Pots.) See different varieties listed in next column from 4 inch pots.

**HELIOTROPE**—Fragrant lavender flowers, a fine bedder. Blooms always face the sun.

**MADAME SALLEROT GERANIUM**—A variegated green and white foliage plant used for borders.

**SALVIA**—(Scarlet Sage.) Fiery scarlet. Very free bloomer.

**VINES**—Cobaea Scandens. (Cathedral Bells.) Purple flowers, a fast climber.

**VINES**—English Ivy. Dark green leaves, used both indoors and outside.

**VINES**—German Ivy. Bright green foliage. Recommended for window boxes, etc.

**VINES**—Madeira Vine. A rapid grower. Dark green leaves.

**VINES**—Tradescantia. (Wandering Jew.) Rooted cuttings. The all green, green and white, and the red and green types. Six for price quoted.

**VINCA VINES**—Listed below

The following plants from four inch pots are priced at 50c each, 3 for \$1.25; \$4.50 per dozen. Postpaid price 60c each; \$5.50 per dozen.

**CANNAS**—Strong plants of the varieties listed under "Bulbs" on the next page.

#### GERANIUMS

**Beaute Poitevine**—Salmon Pink. A beauty.

**Helen Mitchell**—Brilliant Scarlet.

**Ivy Geranium**—Pink bloom, waxy leaves, and a trailing habit of growth.

**Madame Buchner**—The best double white.

**Mrs. Gloede**—An attractive new rose pink. Double and sun proof.

**S. A. Nutt**—Very double deep red. Hard to beat.

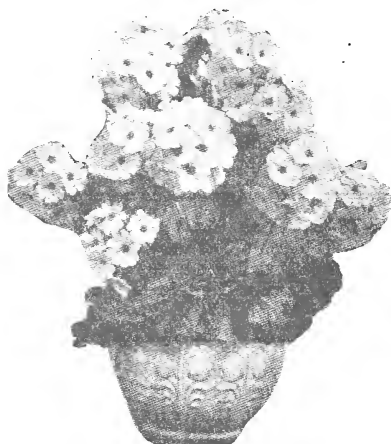
**PETUNIA**—Prize Double. Well grown plants in white, red or purple mixtures.

**VINCA VINE**—Green or variegated green and white foliage. Very fine for window boxes and vases. Please give color preference when ordering.

**WILL'S SUPERB PANSY PLANTS**—Strong, well grown plants in mixed colors. We use our best seed for these. By express, 65c per dozen; \$4.00 per 100. Postpaid, 80c per dozen.

We do not list **ASTER PLANTS**. Aster wilt and blight are very prevalent with no sure remedy known. **ZINNIAS**, (listed above) are now widely grown in place of Asters.

**Be Sure to Send for WILL'S FALL BULB AND PERENNIAL LIST**  
Issued about August 15th



The Everblooming Primrose

**STRAWBERRY GERANIUM**—(*Saxifraga Sarmientosa*.) plant of easiest culture. Top of leaves green, bottoms reddish. **\$1.00 each. Postpaid, \$1.25 each.**

## HOUSE PLANTS (All Shipped in Pots)

**FERNS**—Shipped in pots any time of the year. Absolutely the best ornamental plants. (Please note the sizes in which we can furnish each fern and also the sizes which are available, as shown in the description and price list.)

**POSTPAID PRICES**—3 in., 50c; 4 in., \$1.00. **BY EXPRESS**, 3 in., 40c; 4 in., 75c; 6 in., \$2.00; 7 in., \$2.50; 9 in., \$3.50.

**Boston**—(*Sword Fern*.) The largest seller and very easy to grow. All sizes.

**Harrison**—Crested foliage. Very beautiful and of easy culture. All sizes.

**Asparagus**—*Plumosus*. (*Lace Fern*.) Lacy foliage and drooping fronds. Fine for jardinières. 3 and 4 inch sizes only.

**Asparagus**—*Sprengeri*. (*Feather Fern*.) The long sprays make this fine fern useful for window boxes, etc., both indoors and out. 3 and 4 inch sizes only.

**BEGONIAS**—Varieties listed under Bedding Plants. In 5 inch pots, **\$1.50 each, postpaid, \$2.25.**

**PELARGONIUM**—(*Improved Martha Washington Geranium*.) Orchid like blooms. Easter Greeting (red and black) or mixed types. **75c each by express. Postpaid, \$1.00 each.**

**PRIMROSE**—*Obconica*. We list this excellent everblooming house plant in white, pink and lavender. **Two sizes 60c and \$1.00 each. Postpaid price, 75c and \$1.25.**

Also known as Old Man's Beard. A window-garden. Has numerous small white flowers. In 4 inch pots,

## SUMMER FLOWERING BULBS

Complete cultural directions with each order. All bulbs priced postpaid.

### CANNAS

Among the best of all plants for beds and borders, especially where a massed effect is desired. **Dormant roots with two to three eyes, 20c each; 2 for 35c; \$2.00 per doz., postpaid.**

**BRANDYWINE**—3 to 4 ft. Bronze foliage; flowers of intense wine red dappled crimson.

**FLORENCE VAUGHAN**—3 to 4 ft. Flowers golden yellow spotted red. Dark green foliage.

**KING HUMBERT**—4 to 5 ft. Leaves are a rich coppery bronze. Immense orange scarlet bloom.

**MRS. ALFRED CONARD**—3 to 4 ft. Exquisitely shaded salmon-pink flowers; green foliage.

**THE PRESIDENT**—3 to 4 ft. The last word in red flowering green leaved cannas.

**WYOMING**—5 to 6 ft. Purple-bronze foliage; orchid type flowers of beautiful orange.

**GREENHOUSE GROWN PLANTS**—See under Bedding Plants.

### DAHLIAS

The coming garden flower. Excellent for garden decoration and equally fine for cut flowers. The bulbs multiply and may be kept from year to year. We improve our list every year. **Dormant roots, priced postpaid.**

#### CACTUS TYPE

**EUREKA**—Color, a very deep purple. **30c.**

**FULGIDIA**—A beautiful red, lightly quilled petals. **55c.**

**SNOW STORM**—Pure white and very good. **40c.**

#### DECORATIVE TYPE

**BONNIE BRAE**—The color of this wonderful Dahlia is a peaches and cream combination of shadings. **80c.**

**SOUV. DE GUSTAVE DOAZON**—Gigantic orange scarlet. **35c.**

**C. W. BRUTON**—A large canary-yellow. **30c.**

**PRIDE OF CALIFORNIA**—Called the "American Beauty." Huge crimson red flowers. **50c each.**

**ROSA NELL**—A clear bright rose in color and very large. Good stems and habits. Reflexed petals. **75c.**

#### FANCY and SHOW DAHLIAS

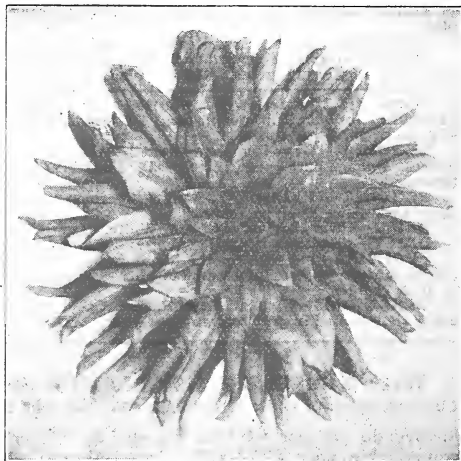
**D. M. MOORE**—(*Hybrid Show*.) Dark velvety maroon, almost black. Enormous flowers. **55c.**

**LOUIS GROTON**—(*Peony*.) Delicate salmon, blending to yellow. **35c.**

**MRS. FUTRELLE**—(*Peony*.) Very free flowering. Lemon yellow, heavily splashed scarlet. **30c.**

**ROBT. BROOMFIELD**—(*Show*.) A grand white sort. Large flowers. **30c.**

**CAPITAL DAHLIA MIXTURE**—A bigger and better value than ever. All types and colors including some choice named varieties. **6 for 75c; 12 for \$1.35, postpaid.**



Dahlia

### OUR FAMOUS DAHLIA COLLECTION \$1.20

One each of **SOUV. DE GUSTAVE DOAZON**, Dec. Orange Scarlet; **EUREKA**, Cac. Purple; **MRS. FUTRELLE**, Peony, Yellow and Red; **PRIDE OF CALIFORNIA**, Dec. Crimson; **ROBT. BROOMFIELD**, Show, White. (Listed separately for \$1.75; in this collection all for \$1.20, postpaid.)

## GLADIOLUS

You surely should have a liberal planting of these graceful flowers in your garden this summer. They furnish excellent cut flowers and thrive in any soil. The list below includes the better varieties in the various colors. **All Bulbs Priced Postpaid. Not less than 6 at the dozen rates or 25 at the 100 rates.**

	Each	Doz.	100
<b>LOUISE</b> —Very beautiful lavender. Fine form.....	\$ .15	\$1.40	\$9.00
<b>CRIMSON GLOW</b> —Deep scarlet. Large flowers.....	.15	1.40	9.00
<b>FLORA</b> —The best clear yellow.....	.12	1.20	7.00
<b>SHIELA</b> —Light red pencilled pomegranate, with Primrose blotches. An exceptionally good early variety.....	.25	2.50	15.00
<b>ROSE ASH</b> —(Ashes of Roses.) A new color in Gladioli.....	.20	1.80	12.00
<b>PRINCE OF WALES</b> —Bright coral pink. Tall and sturdy.....	.12	1.20	7.00
<b>VIOLET GLORY</b> —Rich deep violet. Massive ruffled flower.....	.25	2.50	15.00
<b>L'IMMACULEE</b> —Lovely pure white.....	.15	1.40	9.00
<b>MRS. FRANKPENDLETON</b> —Daintypink with maroon and white blotches.....	.10	.90	5.00
<b>SCARLET PRINCEPS</b> —Glowing crimson. Large bloom. A beauty.....	.15	1.40	9.00

### Primulinus Types

<b>ALICE TIPLADY</b> —Striking orange saffron.....	.15	1.40	9.00
<b>MAIDEN'S BLUSH</b> —Exquisite pink.....	.15	1.40	9.00
<b>RIDINGHOOD</b> —Real bright red, lighter markings. A beautiful novelty..	.30	3.00	20.00
<b>SOUVENIR</b> —Fine rich golden yellow. Graceful spike.....	.15	1.40	9.00

**SPECIAL GLADIOLUS OFFER for \$1.70**—One each of the 12 varieties, listed above at \$2.39, all for \$1.70.

**PIONEER GLADIOLUS MIXTURE**—Our biggest seller in Gladiolus; wonderful range of colors and a better value than ever. **50c per dozen; 50 for \$1.90; 100 for \$3.25.**

**MADEIRA VINE**—Large dry bulbs. **15c each; \$1.40 per dozen, postpaid.**

## WILL'S VEGETABLE PLANTS FOR THE HOME GARDEN

Direct to you from our own greenhouses. Strong stocky plants of the best early varieties for northwestern gardeners.

**POTTED TOMATO PLANTS** are a specialty of ours. These start bearing two or three weeks earlier than transplanted stock. Grown in clay pots. Shipped in paper pots.

(**SPECIAL NOTE**—Vegetable plants are very perishable and we recommend express shipments.)



Will's Transplanted Cabbage Plants

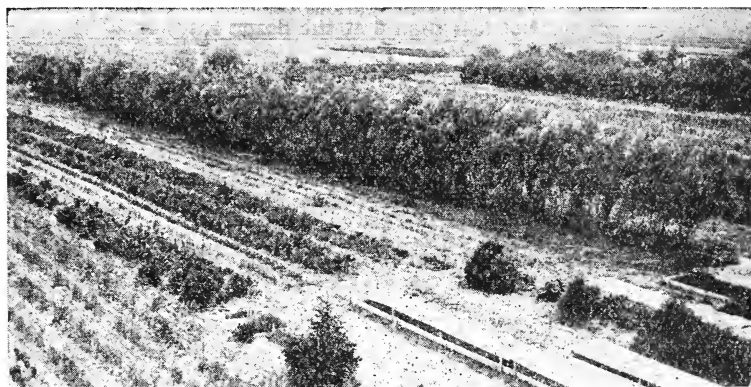
	By Express			Postpaid		
	Per 12	Per 50	Per 100	Per 1000	Per 12	Per 100
<b>CABBAGE</b> —Transplanted, best early variety.....	\$ .25	\$ .75	\$1.25	\$9.00	\$ .35	\$1.60
<b>CABBAGE</b> —Transplanted, late variety.....	.25	.75	1.25	9.00	.35	1.60
<b>CAULIFLOWER</b> —Transplanted, early.....	.30	1.00	1.60		.40	2.25
<b>CELERY</b> —Transplanted, self-blanching.....	.35	1.25	2.25		.45	3.00
<b>EGG PLANT</b> —Transplanted.....	.50	1.75	3.25		.65	4.25
<b>GROUND CHERRY</b> —Transplanted.....	.40	1.40	2.65		.45	3.00
<b>PEPPER</b> —Transplanted.....	.50	1.75	3.25		.65	4.25
<b>TOMATO</b> —Potted, best early variety.....	1.00	3.50	6.50		1.45	
<b>TOMATO</b> —Transplanted, early.....	.40	1.40	2.65		.50	3.15
<b>TOMATO</b> —Transplanted, Yellow Plum.....	.40	1.40	2.65		.50	3.15
<b>SWEET POTATO</b> —Prolific Jersey.....	.25	.75	1.25	9.00	.35	1.60
<b>MINT PLANTS</b> —for garnishing, etc.....	.25	.75	1.25		.35	1.60



# BISMARCK NURSERY—PIONEER NURSERY

Oldest Nursery In North Dakota

Member American Association of Nurserymen



Part of Our Nursery

## BOOKS ON HORTICULTURE

Amateur Fruit Growing, postpaid .....	\$0.50
Peony Manual, postpaid .....	.25
Iris Manual, postpaid .....	.25
<b>HOME GROUNDS</b> —For four cents in stamps (to cover postage) we will send you this illustrated 32-page booklet, FREE OF CHARGE. It covers the planting problems, both fruit and ornamental, that confront the prospective tree planter. Ask for it.	
<b>AMATEUR LANDSCAPE GARDENING</b> —This is an exceedingly valuable work for the home, treating of methods and arrangements in landscape work for the small house with restricted grounds. Price, 35c, postpaid.	

**We have No Agents.** For forty-four years we have sold nursery stock through our catalog and during that period have never employed a nursery agent

**NOTICE TO CUSTOMERS: READ CAREFULLY**—We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better. In event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customer's money or replace the stock as he may elect. We are not responsible for damage to goods in transit, therefore you must examine at the express or freight office, and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit, providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee safe delivery of mail orders but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

**Special Nursery Premium.** With every twenty-dollar order for nursery stock we offer free one year's membership in the North Dakota Horticultural Society. This includes receipt of the monthly bulletin, and free plant premiums.

**REPLACEMENT**—If stock arrives in good condition and our planting instructions are followed, we are willing to replace once any stock lost, at half price.

**TREES BY MAIL**—We can ship parcels up to 70 pounds in first and second zones, and up to 50 pounds in all other zones. Where postage is not included, we will send stock C. O. D. to cover postage, you paying postage on receipt of trees.

**REFERRING TO ORDERS**—When writing to us about your nursery stock, ALWAYS give your order number and state whether goods were to be shipped by express, freight or mail.

**FALL PLANTING**—Peonies and other perennial flowers do exceptionally well when planted in Fall. Ask for special Fall Price List. Can also supply trees, shrubs, etc., at current catalog prices in fall.

**PLANTING INSTRUCTIONS**—Complete planting instructions will be enclosed with each order of nursery stock when shipped.

**SHIPPING**—Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship.

**CANADIAN ORDERS** must go by freight or express, and must be received by us before May first.

**ORDER EARLY**—January and February orders and up to March 15th, receive better attention, get the best stock and are shipped early.

**VISITORS WELCOME**—We are always glad to conduct you personally through our nurseries and orchard. Call at office on Fourth Street, or go south on Seventh Street, which will bring you into the nurseries.

**CERTIFICATE OF EXAMINATION**—Our nurseries are inspected annually by the State Horticulturist and certificate accompanies each order

I have a four acre grove of trees, the finest in the country. I got the seedlings of you forty three years ago this spring. The outside rows are now two feet in diameter. I am soon 71 years old and in the harness every day from 5 A. M. till sundown, and my greatest pleasure is to work in my trees and garden.—Charles O. Olsen, Meckinock, N. D.



## EVERGREENS—PINES, SPRUCE, CEDAR ONLY NATIVES OF THE NORTHWEST AND EXTRA HARDY SPECIES

By Express or Freight Only

The following varieties, (all bushy specimen plants) will be sent, balled and burlapped or placed in baskets. On account of high express rates on uncrated trees, we advise when ordering, to have trees sent "balled and burlapped." When wanted in baskets however, kindly specify. Where 10 or more plants are ordered, we can ball and burlap, box and send by freight.

**N. D. BULL PINE**—(*Pinus scopulorum*.) This is a native pine of the North Dakota Bad Lands, and the acme of hardiness. It makes a handsome, stocky tree, beautiful the year around with its long dark green needles. We have a limited number of the specimen trees to which we call your attention. 18-24 in. high. Each, \$1.25; 2-3 ft., each, \$2.00.

**BLACK HILLS SPRUCE**—This is a sub-variety of the White Spruce, but is much hardier. It has been growing in the Black Hills since glacial days and there is nothing in the way of blizzards, hot winds, drought and the like that it had not withstood for centuries before a white man ever saw it. This is one of the most attractive Evergreens and without exception the easiest to transplant. Price, each, 12 to 18 inches, \$1.00, for nursery grown, transplanted stock.



Bull Pine—Note where it grows.

**SELECTED COLORADO BLUE SPRUCE**—(*Picea pungens*.) An elegant Colorado species with long leathery leaves of rich steel blue. Perfectly hardy anywhere in the Northwest. 12-18 in., \$3.00.

**N. D. BAD LANDS CEDAR**—This is our native type of red cedar which is of more upright or columnar habit and of a more handsome bluish color than the common kind, as well as being the hardiest of its family. Our stock is all collected in the Bad Lands, grown and established at our nursery and sent out balled and burlapped. 12 to 18 in. in height, each, \$1.50; 2 to 3 ft., each, \$2.50.

**BLACK HILLS SPRUCE SEEDLINGS**—Mail or Express. This is the only variety of Evergreen seedlings which we feel can be offered our customers with safety, as this is the hardiest of all the Evergreens and we are positive that these will give the highest degree of satisfaction. We have bought a supply of seedlings again this year, ready for spring shipment. Seedlings come 100 per bunch so do not order less, as we



Cedar and Spruce

positively will not break bunches. Package of 100, by express, 4-6 inch, \$3.50; postpaid, \$3.75.

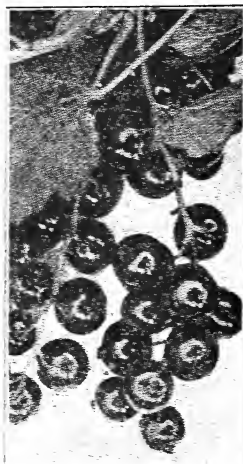
## CURRENTS

**PERFECTION**—Greatest of all currants. The only small fruit ever awarded the Gold Medal of the Western New York Horticultural Society. A cross of Fay's Prolific and the White Grape Currant; it combines the large size and rich color of the Fay with the good quality and productiveness of the White Grape. The berries are rich, mild sub-acid and few seeded. It is the most profitable currant, and the easiest to pick. Prices: each, 20c; doz., \$2.25; by mail, each, 25c; doz., \$2.50.

**CHERRY CURRANT**—An old standard variety. The growth is strong, stout and erect. The fruit is of large size, deep-red and rather acid. Very productive. By express, doz., \$2.10; by mail, \$2.35.

**WHITE GRAPE**—The best variety of white currants. The bushes are thrifty and productive, bearing large, white currants of the very sweetest flavor. By express, dozen \$2.10; by mail, \$2.35.

**NATIVE BLACK**—(*Ribes Floridum*.) We have a limited supply of transplanted stock, nursery grown from seed, of this kind, which can be used for fruiting or ornamental purposes. The fruits are large, sweet, and make excellent jelly. Each, stocky, 25c; dozen, \$2.50. By mail, each, 30c; doz., \$3.00.



Perfection Currant

### STRAWBERRIES

We are pricing strawberry plants this year only at prepaid prices. All orders for them will be shipped by themselves, as we cannot usually start shipping till near May first and the plants are liable to damage if packed in with other goods. *J. H. Miller*

Prices.....	25	50	100	1000
Progressive.....	\$0.75	1.40	2.40	22.00
Senator Dunlap.....	0.45	.80	1.25	11.00

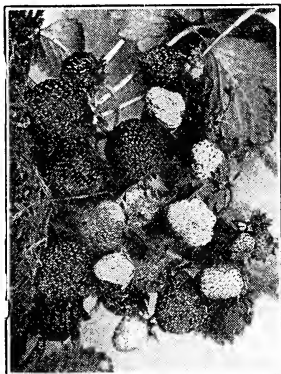
#### PROGRESSIVE EVERBEARING—(Perfect Flowering.)

After several years of testing out, this variety holds first place among the Everbearing kinds for the Northwest section. It is very hardy and highly productive and we recommend this kind for all ordinary purposes, either for the Farmer who wants to set out 500 or 1,000 plants or for the city dweller who is content with 25 or 50 plants. Keep blossoms picked off during spring when plants are set out. This insures a good crop for Fall.

#### SEN. DUNLAP—June Bearing (Perfect Flowering.)

This is the greatest of all the June bearing strawberries. The vine is tough, bright, a rampant runner, and a sturdy grower. It is wonderfully productive and each berry is regular in shape and of delicious quality. The berry is large, bright red and glossy, firm, a good keeper, and the very best sort for canning.

It ripens early but continues one month in bearing. Absolutely hardy throughout the Northwest, it yields a good crop in spite of drought and neglect.

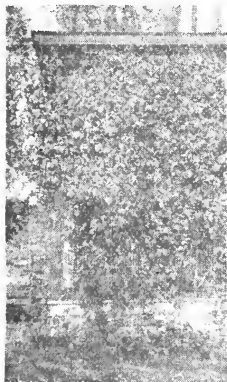


Progressive

## CREEPERS AND VINES

### NOTE ALSO GRAPES ON PAGE 81

**CLEMATIS or VIRGIN'S BOWER**—With its star like white flowers and feathery seed heads this native is one of the handsomest of all climbers. It attains a new growth of 8 to 10 feet each year, but part of the old growth dies off. Excellent both for trellises and porches. **Each 25c; 10, \$2.00; postpaid each, 30c.**



Virginia Creeper

#### VIRGINIA CREEPER or WOODBINE

—Also called five leaved ivy. One of the most popular and most valuable vines with handsome foliage, and blue berries in the late summer. The deep red which it takes on in the fall is especially striking. **Each, 25c; 10, \$2.00; postpaid each, 30c.**

#### ENGLEMAN'S CREEPER — (Amp.

Englemani.) A type of Virginia creeper, but having shorter joints, and much smaller and thicker leaves. **Its strongest feature is its ability to cling to brick, stone or plaster.** This makes it valuable in covering walls and large buildings. It is quite hardy but we advise planting it in partially sheltered places. **Each, 30c; 10, \$2.75. Postpaid, each, 35c.**

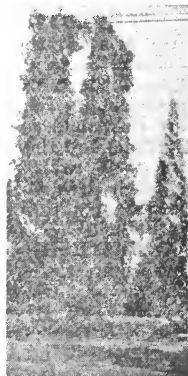


Clematis

**NATIVE HOP VINE**—This vine is very similar in appearance to the cultivated sort but is hardier. A perennial root with new growth each year, which attains a length of 16 ft. or more. A handsome, thick-growing vine that will thrive in almost any soil and under any condition. **Each, 25c; 10, \$2.00. Postpaid, each, 30c.**

**CHINESE MATRIMONY VINE**—Useful both as a vine or shrub. Not a good climber, but excellent to trail on walls, terraces, etc. A fast growing woody plant with drooping or trailing branches. Has lavender blossoms early and good sized ornamental red fruit which persists into winter. **Each, 15c; 10, \$1.00; postpaid, each, 20c; 10, \$1.25.**

**BITTERSWEET**—(*Celastrus scandens*.) A very ornamental and absolutely hardy native climber. It produces orange-yellow flowers followed by showy crimson fruits in autumn. The leaves are dense and glossy. **Each, 35c; 10, \$3.00. Postpaid, each, 40c.**



Native Hop Vine

# HARDY SHADE AND ORNAMENTAL TREES

**Tree Prices by Express.** Smaller sizes may be ordered by mail if desired and we shall forward C. O. D. to cover postage as the weight is hard to estimate.

Our list of trees is hardy for the Northwest but for farm planting and dry conditions it is wise to stick to the old standbys, cottonwood, boxelder and ash, with a few of the introduced sorts of tested value such as Siberian Pea or Caragana and Russian Olive. With these may be safely mixed Buffalo Berry and Diamond Willow.

**NORTH DAKOTA COTTONWOOD**—The foundation of prairie tree culture in North Dakota, and the backbone of all the many groves which dot our state. The most rapid grower and freest from disease of any of the poplar family. Once more the cottonwood is coming into its own and is in increasing demand. We have been headquarters for this tree for 45 years. Valuable for its quick growth both for shelter and wood, and it will produce successive crops of fuel if properly handled.



Cottonwood of Jos. Sorch, Baldwin, N. D.  
Seedlings planted 1923—Picture taken 1926

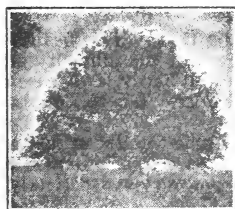
## COLLECTED SEEDLINGS

	100	500	1000
6-10 inch.....	\$0.60	\$2.25	\$4.00
10-20 inch.....	1.00	3.00	5.50
20-30 inch.....	1.50	4.00	7.50

## NURSERY-GROWN TRANSPLANTED

	Each	10	100
3-4 ft.....	.10	\$0.75	\$6.00
4-6 ft.....	.15	1.25	10.00
6-8 ft.....	.20	1.85	17.00
8-10 ft.....	.30	2.50	20.00

**NORTHWEST POPLAR**—A hardy, drought resistant poplar, native in parts of North Dakota and Manitoba. It is a handsome, fairly fast growing tree, very useful as an ornamental in addition to its value in windbreak and shelter belt planting. Perhaps the most drought resistant of any of the poplars; in appearance it is intermediate between the cottonwood and Balm of Gilead. 3-4 ft., each, 25c; 10, \$2.00; 50, \$7.00; 100, \$12.00. 4-6 ft. strong, each, 40c; 10, \$2.75; 50, \$13.00; 100, \$25.00.



**BOX ELDER or MANITOBA MAPLE**—The only representative of the maple family native to our state, and an old favorite for street and yard planting, and to thicken up a windbreak. Hardy, long-lived, and if carefully trimmed it will make a very symmetrical shade tree as will appear from our illustration, a tree growing near Bismarck.

## 5 at 10 rates. 50 at 100 rates.

	Each	10	100	500	1000
6-12 inches.....			\$0.75	\$3.50	\$6.00
12-18 inches.....			1.00	4.50	8.00
3-4 feet.....		\$1.00	7.00	32.00	60.00
4-6 feet.....		1.25	10.00		
6-8 feet.....	\$0.25	2.25	20.00		
8-10 feet.....	.40	3.50	30.00		

## Boxelder

**GREEN ASH**—(*Fraxinus lanceolata* or *viridis*.) The Green Ash is a native of North Dakota and is absolutely hardy against drought, heat or cold. This tree will grow on dry and alkaline soils and could rightly be termed "insect and disease proof." We offer our customers some unusually good stock, as our Ash are well rooted, have made a good growth last summer, and are very stocky. Try our transplanted trees for quick effect.

	100	500	1000
6-12 inches.....	\$0.75	\$3.00	\$5.50
12-18 inches.....	1.00	3.50	6.50
	Each	10	100
3-4 feet.....	\$0.20	\$1.80	\$15.00
4-6 feet.....	.25	2.00	18.00
6-8 feet.....	.35	3.00	25.00

**AMERICAN ELM**—(*Ulmus americana*.) The elm is perhaps the most beautiful shade tree that can be grown. Our hardy native home grown stock is the finest that you can get and perfectly adapted to the Northwest in locations where it can receive a fair supply of moisture. 4-6 ft., each, 40c; 10, \$3.50; 6-8 ft., each, 75c; 10, \$6.00. Seedlings, 12-18 in., per 100, \$2.50; 500, \$10.00; 1000, \$18.00.

**BALM OF GILEAD or BALSAM POPLAR**—This is an old favorite of the poplar family, perfectly hardy, with a broad spread of top, making a fine shade tree. Noticeable for the aromatic odor which it gives off. 3-5 ft., each, 35c; 10, \$3.00.

**SILVER-LEAVED POPLAR.** A very rapid grower with smooth gray bark. The deeply lobed leaves are a dark, glossy green on their upper side and snowy underneath. The contrast of the white against the green is distinctive. We offer a stock of choice 3 to 4 ft. trees. Each, 50c; 10, \$4.00.



American Elm

**EUROPEAN MOUNTAIN ASH or ROANTREE**—(*Sorbus aucuparia*.) A very handsome hardy tree. The head is dense and regular, and very attractive when in bloom. From July until winter these trees are covered with great clusters of bright red berries. A very choice ornamental tree. **Special Price, 5 to 6 ft. each 75c; 10, \$7.00.**



Young Chinese Elm Windbreak

**CHINESE OR SIBERIAN ELM**—(*Ulmus pumila*.) A new elm of recent introduction, of symmetrical and very rapid growth. Very drouth resistant, making tremendous increase in size in very dry years. Apparently winter hardy except in the most severe seasons when there may be some killing back. Of especial value in mixed and general planting. Not particularly adapted for specimen planting on lawn or boulevard as it is not so graceful as the native elm. **Strong 4 to 5 ft., each 40c; 10, \$3.75; 6 to 8 ft., each 75c; 10, \$7.00.**

**GINNALA or AMUR MAPLE**—This is a very hardy, small maple from Siberia especially noteworthy on account of its beauty of shape and foliage and the glowing colors which it takes on in the fall. Attains a height of 20 to 30 feet, is absolutely hardy and very ornamental. **4 to 5 feet, each, 40c; 10, \$3.00.**



Ginnala Maple

**BIRD or PIN CHERRY**—(*Prunus pennsylvanica*.) A native of the state which makes a very handsome small tree or large shrub, bears a small tart cherry in profusion, which is valuable for the making of jelly and preserves. **3-4 ft., each, 50c; 10, \$4.00.**

**LINDEN or BASSWOOD**—(*Tilia americana*.) This is a handsome lawn and shade tree, pyramidal in form, with large, bright green leaves. A native of eastern North Dakota and therefore very hardy. **4 to 6 feet, each, \$2.00.**

**CUT-LEAVED WEEPING BIRCH**—(*Betula l. p.*) This beautiful tree, which is becoming very scarce on account of the difficulty of propagating it, is undoubtedly the handsomest of all hardy lawn trees. Our stock is northern grown and hardy, but slender. **4-5 ft., each, \$2.50; 10, \$22.00.**

**BLACK WALNUT**—We are very glad to be able to offer at last a hardy strain of these fine trees. Our stock has been grown in our own nursery from seedlings of Minnesota origin and has survived perfectly with us for three years. **4 to 6 ft. trees, each \$1.00.**

**NATIVE BURR OAK**—The oak is difficult to grow and handle but our native variety is one of the hardiest, most permanent and beautiful of all deciduous sorts. We have grown these from native seed, transplanted them once, and offer them balled and burlapped like evergreens. **18 to 24 in. at \$1.50 each.**

### WILLOW

**GOLDEN RUSSIAN**—The best known of the Russian willows. The bark is a handsome yellow all year around. Valuable in windbreaks and can also be trained into tree form. **3 to 4 ft., doz., 30c; 100, \$2.50; 1000, \$22.00.**

**WHITE ENGLISH**—This seems to be the hardiest of the fast growing willows, and the most drouth resistant. A handsome tree with green leaves somewhat silvery on the under side, and green bark. A very rapid grower and suitable for windbreak and shelter where the location is not too high and dry. Especially valuable to screen the back yard and produce a quick background for the house. **3 to 4 ft., doz., 40c; 100, \$3.00; 1000, \$28.00.**

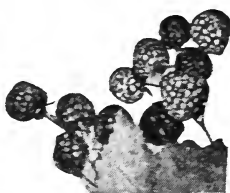
**LAUREL-LEAVED**—A handsome ornamental tree, with large, shiny, laurel-like leaves. Its bark stands out dark green in winter and it is a very beautiful specimen in all seasons. We consider this the best variety of the willow family, both ornamentally and for its value in windbreaks. **2-3 ft. size, doz., 50c; 100, \$3.75; 1000, \$30.00.**

**DIAMOND WILLOW**—Our best native willow and one of our most valuable trees. Produces in five or six years of growth fence posts of hard wood which will outlast the best posts of white cedar. Also by far the best firewood that can be found in the state. Easily grown. **Seedlings, per 100, 90c; 500, \$3.50; 1000, \$6.00; Cuttings, per 1000, \$3.00.**

## HARDY RASPBERRIES

**SUNBEAM RED**—This hardy raspberry, originated by Prof. Hansen, has to date proved the hardiest and most satisfactory variety for the Northwest in all of our trials. It winterkills less, and bears more with us than any other sort. Besides being productive the fruit is of good quality, and the bearing season is long, some fruit being borne on the new wood. For ordinary farm conditions it is by far the safest to plant. **Price, doz., 40c; 50, \$1.60; 100, \$3.00. By mail, doz., 50c; 100, \$3.50.**

**OHTA RED**—Like the Sunbeam this variety was originated by Prof. Hansen of Brookings, S. D., who, in his endeavors to produce a berry better than the Sunbeam, was finally rewarded by this cross which he called Ohta. This variety might be termed an everbearer, as it bears from July until fall. **Prices: doz., 90c; 50, \$3.00; 100, \$5.50. Mail, 12, \$1.00; 100, \$6.00.**



Sunbeam Red Raspberry

**PEERLESS CLIMBING RED**—This variety was originated by Mr. John Millet, and is a very rapid grower, so much so that it may be trained up in vine shape where room is limited. It produces a fine large berry of unusually good flavor, and bears well on the second growth. Not so generally hardy as Sunbeam but an excellent sort for good soil and in locations that are somewhat sheltered. Fruit is the largest of any sort that we list. **Price, doz., 40c; 50, \$1.60; 100, \$3.00; by mail, doz., 50c; 50, \$1.90; 100, \$3.50.**

**LATHAM RED**—This berry is undoubtedly the finest that has been introduced for some years in localities where it is hardy. There are many places in North Dakota and the other North-western states where it succeeds but in general it is not hardy in the Great Plains type of environment. Probably the best commercial berry grown. **Price, doz., \$1.00; 50, \$3.50; 100, \$6.00. By mail, doz., \$1.10; 50, \$4.00; 100, \$6.50.**

**TYE BLACK**—The only hardy Black Raspberry in the Northwest. Found growing wild in the Square Buttes of this state by Mr. O. A. Tye and brought under cultivation. Makes a strong, stocky growth. Berries are medium-sized, firm and hang in clusters. **Doz., \$1.25; 100, \$10.00; by mail, doz., \$1.50.**



Tye Black Raspberry

## BLACKBERRIES

**ELDORADO**—The most valuable variety for our northern climate. It requires covering in winter. The plants are vigorous, and their yield is enormous. The berries are large, jet-black, borne in large clusters and ripen well together. They are sweet and delicious and keep well after picking. **Dozen, \$1.00, postpaid. By express, dozen, 90c; 50, \$3.75; 100, \$6.50.**

## GOOSEBERRIES

**HOUGHTON**—An enormously productive, reliable old variety. The fruit is smooth, pale-red, tender and well flavored. Of vigorous growth, slender and spreading; it is not subject to mildew. Strong 2 year plants. **per 12, \$1.75. By mail, per 12, \$1.90.**

**NATIVE WILD GOOSEBERRY**—The wild gooseberry is of value both as a fruit and ornamental. It produces a very considerable quantity of excellent fruit which is only a little smaller than the tame sorts. It is a handsome ornamental, being the very first thing to leaf out in the spring when the vivid green of its new leaves gives the first seasonal touch to the shrubbery clumps; and among the last to go in the fall at which time it becomes a handsome reddish bronze. **Each, 25c; doz., \$2.00; postpaid, each, 30c; doz., \$2.25.**



Houghton

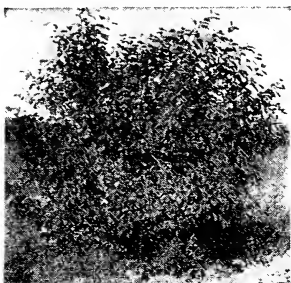
**HAZELNUT**—(*Corylus americana*). This native, found in many parts of the state and in Minnesota, grows in shrub or bush form, attaining a height of from four to six feet. The nuts hang on in clusters and can be picked when fairly green. Very good to eat. They generally bear heavy crops year after year. **Each, 3-4 feet, 30c; per 10, \$2.50.**

## HORSERADISH ROOTS

**BOHEMIAN**—A particularly large and smooth-rooted variety of strong flavor. **Postpaid, doz., 35c; by express, doz., 30c.**

**COMMON**—The old-fashioned sort. **Postpaid, dozen, 30c; by express, dozen, 25c.**

# HARDY APPLE AND CRAB APPLE TREES



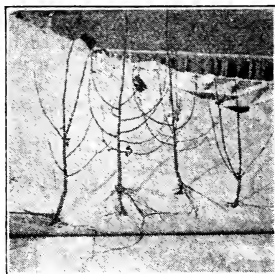
**Bush Form Apples Growing**

## Budded on Siberian Wild Crab or *Pyrus baccata* Roots

More than fifteen years of success at the U. S. Great Plains Experiment Station at Mandan have demonstrated that both apples and plums may be raised under the climatic conditions of the western prairies if they are grown in bush form on hardy roots. **We were the first to recognize that hardy stocks and low heading trees must be used and the first to grow and offer them.**

**LARGE APPLES—The Latest and Best Varieties from the Fruit Breeding Station.**

**Apples and Crabs are 3 to 4 ft., young and bushy stock. Smaller sizes used for mailing.**



**Bush Form Apples Ready to Ship**

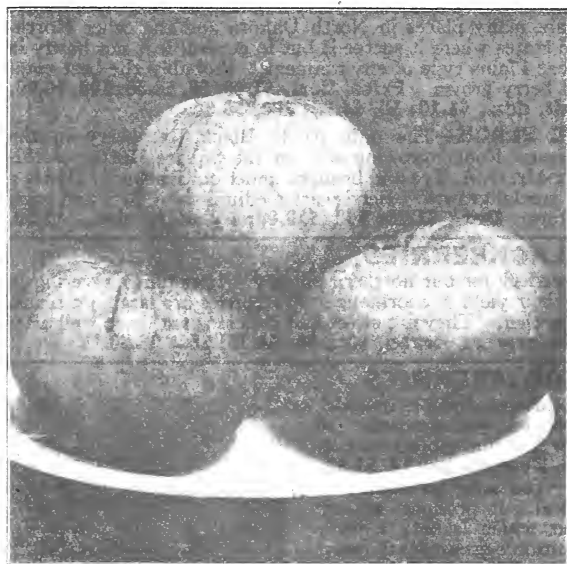
## PIONEER APPLE AND CRAB COLLECTION

**THIS BARGAIN COLLECTION** consists of one each of the following extra hardy and high quality apple and crabapple trees. The best of the standard and new introductions:

**ANOKA—HARALSON—WEALTHY—HYSLOP CRAB—WHITNEY CRAB**

**Value \$2.85**

**Special Price \$2.40**



**Anoka**

**ANOKA**—The test of years is proving the Anoka to be the most important apple introduction for the Great Plains that has yet come from the laboratory of the Northwest's Burbank, Prof. N. E. Hansen. It bears often the second year from planting, carries large crops every year, is a sturdy, handsome and exceedingly hardy tree. The fruit is of fine flavor, early, resembling the Duchess in many ways. The very best for the home place under plains conditions. **Each, 75c; 5, \$3.50.**

**RED WING**—One of the new Minnesota Fruit Breeding Station varieties which we are very fortunate in being able to offer this year, on specially hardy root stocks. A very hardy and blight-free sort, has lived some twelve years and borne in Manitoba. Of sturdy habit and handsome appearance. Fruit is medium to large in size, of wonderful keeping qualities, so that it fills the long felt want in the Northwest of an entirely hardy winter apple of good quality. Fruit hangs to tree well, is beautiful in appearance, with firm, fine-grained, juicy flesh. **Each, 70c; 5, \$3.25.**

**DUCHESS**—August to September. A standard early commercial variety and the best known of all the Russian apples. It is very hardy, free from blight, and an early and prolific bearer. The fruit is large, yellow with red stripes, very tender and juicy. **Each, 45c; 5, \$2.00.**

**HARALSON—A Real Winter Apple.** This new sort is another one of the triumphs of the Minnesota Fruit Breeding Station. A strong upright tree, resistant to fire blight, bears early and yet the fruit keeps until long into the spring in perfect condition. Bears a good crop of large, handsome red apples. **Each, 75c; 5, \$3.50.**

**PATTEN'S GREENING**—February to March. A seedling of the Duchess, very hardy, vigorous and free from blight. The fruit is large, yellow and keeps remarkably well. One of the best all-around varieties for the Northwest. A good eating and cooking apple. **Each, 45c; 10, \$4.00.**

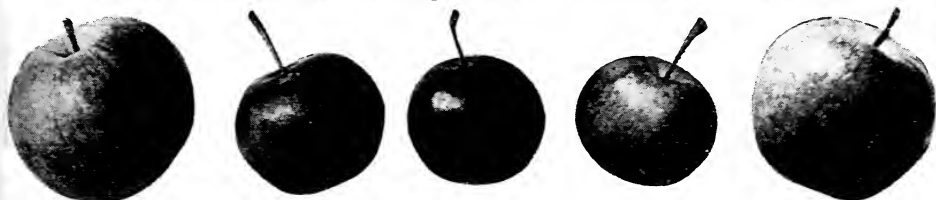
**WEALTHY**—October to January. This variety is beyond doubt the most popular sort throughout the Northwest. A hardy upright grower and a very abundant bearer. The fruit is large and dark crimson in color. The flesh is crisp and sub-acid, white tinged with red. A fine eating apple and one that keeps well in storage. **Each, 45c; 10, \$4.00.**



**Wealthy**



## HARDY AND PROLIFIC CRAB APPLES



**PYRUS BACCATA**—The Siberian cherry apple. This is a handsome ornamental, the original Siberian wild crab, and produces heavy crops of a small, cherry-sized apple which is unusually **satisfactory for making jelly**. This variety is the **hadiest of the apple family** and is the one which is largely used by us as a root stock for our other varieties. **Each, 40c; 10, \$3.50.**

**DOLGO CRAB**—Another valuable product of Prof. Hansen's work. A strikingly beautiful tree, sturdy, upright, with handsome foliage. Bears heavily and the fruit of medium size is of excellent flavor, and of a wonderfully handsome brilliant red color. Both as an ornamental and for the **large quantity and fine quality of fruit** the DOLGO ranks high, and in addition it possesses ironclad qualities of hardiness. **Each, 75c; 5, \$3.25.**

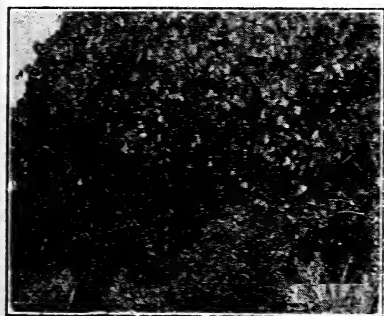
**WHITNEY CRAB**—August to September. A hardy, thrifty, upright grower. **Excellent flavor** even to eat out of the hand. The fruit is very large and glossy green, striped with red. The flesh is firm, juicy and pleasant. It is a very **heavy yielder** and highly prized for pies. **Each, 45c; 10, \$4.00.**

**HYSLOP CRAB**—September to November. A small, late, dark-red crab. It is very hardy, a good yielder and one of the most popular varieties. **Each, 45c; 10, \$4.00.**



Whitney

**SIBERIAN CRAB**—This is one of the very hardiest of the crab family being a cultivated selection from the wild crab of Siberia. The fruit is small, tart, and juicy, ripens in mid-August and yields very heavily. The tree is of handsome shape and reaches considerable size, one of ours being 30 ft. tall with a trunk a foot or more in diameter. **Each, 50c; 10, \$4.50.**



Native Wild Grape

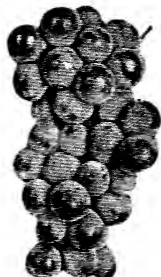
covering. The berries are blue-black, of medium size, with a pleasant aromatic flavor; they ripen about the last of August. Strong plants, **each, 35c; doz., \$3.00. Postpaid each, 40c; doz., \$3.25.**

**ALPHA**—This is the new hardy grape which is proving equal even to the Beta. In North Dakota experiments it is harder than Beta, and the quality is perhaps somewhat better. It appears to be a cross between the wild and Concord grapes. It resembles the latter except that it is a trifle smaller, but it is the largest of the extra hardy grapes. **Each, 40c; doz., \$4.00. Postpaid, each, 45c; doz., \$4.25.**

## HARDY GRAPE VINES

**NATIVE WILD GRAPE**—(*Vitis riparia*.) This is one of the most satisfactory wild fruits for cultivation. The small arbor in the illustration planted with about a dozen vines produced several bushels of grapes in spite of a hail storm. The fruit is unsurpassed for jelly, jams, and grape juice, and the plant is one of the easiest to grow. **3 year plants, each 20c; 10, \$1.60. Add 5c per plant or 20c for ten if postpaid.**

**BETA GRAPE**—It has been tested over the whole Northwest and is giving satisfaction wherever grown. In exposed locations and under dry conditions it is not advisable to plant it, but with plenty of moisture, in good soil and with some shelter it does remarkably well. When the location is doubtful we advise winter



The Hawthorn is doing fine—has made a growth of 16 inches this summer and I am especially pleased with the Box Elders I got of you three or four years ago. Your garden seeds are fine and I always have good crops when using your seeds.—Adam Werner, Palmer, Alaska.



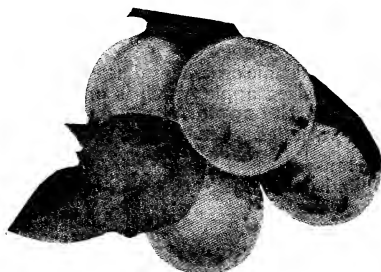
# PLUMS AND PLUM-CHERRY HYBRIDS

The Latest Hardy, High Class Varieties for the Northwest

**SPECIAL BARGAIN COLLECTION OF FINE PLUMS \$2.60**

We offer one each of the following Plums:

**UNDERWOOD—RED WING—NATIVE WILD—OPATA—SAPA  
FOR \$2.60 VALUE—\$3.10**



Underwood

**RED WING**—This is one of the largest fruited plums of the new introductions from the Minnesota State Fruit Breeding Station, which means that it is as large as the regular commercial plums. It has proven hardy over most of our state. Fruit is large, firm, yellow overlaid with red in color, flesh sweet and of good quality; free stone. Mid-season bearer. Each, 70c; 5 for \$3.25.

**WANETA**—This is the largest of Professor Hansen's hybrid plums, being a cross similar to the Underwood. It has proven perfectly hardy at the U. S. Station at Mandan, is a heavy bearer, and produces the largest fruit of any hardy plum. Fruit is of good quality, ripens in mid-season and is of excellent flavor. Fine healthy 3 to 5 ft. trees, each, 75c; 5 for \$3.50.



Waneta

**OPATA**—A cross between the sandcherry and Gold plum. Tree is a very vigorous grower and should be allowed to head out very low. Fruit is dark purplish-red with blue bloom, flesh green and firm with very pleasant flavor. We consider this the best and the hardiest of the Hansen hybrids.

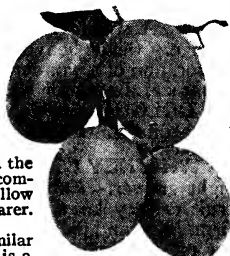
**SAPA**—Cross between the sandcherry and a Japanese plum. Heads low like the Opata. Fruit has glossy dark purple skin and rich dark purple-red flesh. Excellent for canning.

**CHERESOTA**—This is a rapid grower, fruit resembling the Opata, but ripening much later, giving with the former a long period of ripe fruit. Bears as heavily as the other sorts, and has the same delicious flavor.

## TRUE PLUMS

**RADISSON**—This exceptionally early and delicious plum from the Minnesota Fruit Breeding Station once again has shown itself to be one of the hardiest and most satisfactory for the Northwest. The size is fairly large and the quality is unsurpassed. Fruit is a handsome red. Each, 75c; five for \$3.50.

**UNDERWOOD**—This is one of the hardiest of the new Minnesota Fruit Breeding Station varieties and has proven perfectly hardy with us. These varieties in flavor are the equal of any of the Japanese plums, are larger than any of the Americana type, and are thrifty and strong varieties which bear annually. The Underwood is an excellent keeper and the earliest plum in the list. Fruit is large, dark red, and sweet. Ripens in mid-season. Each, 75c; 5, \$3.50.



Red Wing

**CREE**—The Cree is one of Professor Hansen's originations and assuredly one of the best. It has been carefully tested here and at the Mandan Station and has proven absolutely hardy and of wonderful quality. It is one of the largest sized plums of the North, the fruit being bright red, skin thin, ripening in the latter part of August. It is a cross between the Prunus Nigra of Manitoba and the Shiro plum. Each, 75c; 5 for \$3.50.

**NATIVE WILD PLUM**—Ironclad as to hardness, useful in windbreak and shelter belt planting, and very valuable for its certain crop of fruit which makes delicious sauce, jam and jelly. Prices low, as they can be raised without budding or grafting. 4 to 5 ft., each, 35c; 10, \$3.00.

## HANSEN HYBRIDS

These varieties are crosses between the native sandcherry and the Japanese and Americana plums and are perhaps the most satisfactory of all fruits for the northern plains. They bear tremendously, starting the year after they are planted. Should be grown only in bush form for best results. They were originated by Professor Hansen of the S. D. Station, who has produced so many valuable horticultural additions to our planting lists. 3-5 ft., each, 65c; 5 for \$3.00. For all varieties.



Opata Plum

## CHERRIES



Zumbra Cherry

**SPECIAL COLLECTION OF HARDY CHERRIES—PRICE \$3.00**

We offer one each of the following sorts of cherries:

**COMPASS—ST. ANTHONY—NICOLLET—TOM THUMB—NATIVE SANDCHERRY**  
Value \$3.50—Price \$3.00

**ZUMBRA**—This is an entirely new type of cherry which promises to be of great value. It has been thoroughly tested for hardiness and seems to be fully as hardy as the Compass. It is a production of the Minnesota State Fruit Breeding Farm, and is supposed to be a cross between the sweet cherry, the pin cherry and sand cherry. Fruit is very dark, flesh greenish, freestone, quality very good. Excellent for preserves. Each, 2-3 ft., 75c; 5 for \$3.25.

**ST. ANTHONY**—This is a Minnesota Fruit Station production similar to the Zumbra in many ways. It is a trifle larger than Zumbra and has a dark red flesh where that has green flesh. Ripens in late August. Each, 75c; 5 for \$3.25.

**NICOLLET CHERRY**—A relative of Zumbra and St. Anthony, but more like the pie cherry. Color is a cherry red, size that of a cherry, and flavor when cooked for sauce or used in pies just about that of the regular pie cherry. Small pit which is easily squeezed out. Each, 80c; 5, \$3.75.



Compass

and may be planted like currants and gooseberries. Begins to bear the second year and produces tremendous crops of cherries about the size of Compass but black in color and with dark red flesh like the Sapa. Each, 70c; 5 for \$3.00.

**PRUNUS TOMENTOSA, CHINESE BUSH CHERRY**—This is a handsome ornamental and one of the finest fruited cherries of recent introduction. The fruit is a bright red, slightly smaller than a pie cherry, but with the flavor of a real sweet cherry. Stock is scarce and we were obliged to leave it out last year. Exceedingly hardy. Each 75c; 5, \$3.50.

**WESTERN CHOKECHERRY**—(*Prunus melanocarpa*.) This is a larger and sweeter cherry than the eastern variety and is exceedingly satisfactory for jelly and sauce being perhaps the most delicious for that purpose of any of our western fruit. Also valuable in shelter belt and windbreak planting, and a handsome ornamental. 4-6 ft., each, 25c; 10, \$2.00; 6-8 ft., each, 30c; 10, \$2.50. Seedlings, 6-10 inch for windbreak and shelter, per 100, \$4.00.

**SAND CHERRY OR ROCKY MOUNTAIN CHERRY**—This is a native bush cherry; wonderfully productive and very hardy. This fruit is nearly the size of a tame cherry and when dead ripe, of pleasant taste. Very fine for jams and jellies. Each, 30c; \$2.50 per 10. Seedlings, 12-18 inch, fine stock, per 100, \$5.00.

The sand cherries had a few cherries on last year. I think those were the first cherries ever seen growing in Alaska.—F. H. Fiedler, Ketchikan, Alaska.

Talk about your 20½ inch Longfellow. We had one that measured 31 inches last year. And the finest pickles we ever grew.—John L. Mack, Route No. 1, Jolley, Iowa.

**COMPASS**—The tree is perfectly hardy, even in the far North, and seems especially adapted to the Western prairies, where it is very free from disease, and remarkably exempt from insect enemies and the depredations of birds. It frequently bears the same year as it is set, and is quite certain to bear a good crop annually thereafter. The fruit which resembles a small bright red plum, is of pleasant acidity as eaten out of the hand and when cooked or canned makes a remarkably fine rich flavored sauce. Price each, 3-5 feet, 60c; per 10, \$5.50.

**TOM THUMB**—Another production of Prof. Hansen and one which is meeting with unusual favor in Canada. It is a cherry growing on a bush,



Western Chokecherry



Sand Cherry

# FLOWERING AND ORNAMENTAL SHRUBS



Garden of Mr. Hovland, Kenmare, N. D.

## PLANT WILL'S PROVEN HARDY SHRUBS FOR RESULTS

Prices quoted are by express or freight. 5 at 10 rates.

**Mail Prices**—Where shrubs are desired by mail, add 10c per plant to price quoted for that variety. All shrubs sent by mail are of small size, and will be cut back ready for setting out before shipping.

In addition to the shrubs listed on the next two pages, we call attention to those listed under hedge plants which are also of great value for shrubbery plantings; also items listed under small fruit such as native Gooseberry, Choke-cherry, Sandcherry and Wild Plum.

**BUFFALO or YELLOW FLOWERING CURRANT**—(*Ribes aureum*). One of the **very hardiest and best shrubs** for the Northwest, a native of our Little Missouri Bad Lands. In early May it is covered with **very fragrant and handsome yellow flowers** which are succeeded by a large black fruit that makes **excellent jelly or jam**, and is exceedingly ornamental as well. Foliage takes on bright shades in the fall. 2 to 3 feet, each, 35c; 10, \$3.00.

**BLACK HAW or SHEEP BERRY**—(*Viburnum lentago*). Another handsome native viburnum which attains a height of six to ten feet. Bears **white flowers in flat clusters** followed by **blue black berries** which remain thru the winter. Thick, glossy leaves take on beautiful colors and shades in autumn. 2 to 3 ft., each, 45c; 10, \$3.75.

**HIGH BUSH CRANBERRY or PEMBINA BUSH**—(*Viburnum americana*). A native shrub, flourishing on all but the driest soils. The leaves are a glossy green and always free from insects. It is valued for its beautiful foliage and early white flowers, but mostly for its **big clusters of red berries in the fall**. Our native relative of the Snowball which it resembles in appearance. Each, 60c; 10, \$5.00.

**HAWTHORN, THORNAPPLE or RED HAW**—(*Crataegus*). A shrub or small thorny tree, a hardy native, which is a mass of white flowers in spring and after July is covered with large red berries of a beautiful shade which hang till late in the fall unless eaten by the birds. It is difficult to transplant unless the stock has been transplanted from seed in the nursery as ours. **Thrifty specimens. 12-18 in., each, 50c; 10, \$4.00.**

**JUNE BERRY or SASKATOON**—(*Amelanchier canadensis*). A native of this state, attaining a height of 6 to 8 feet, bearing white flowers very early in the spring and producing a large number of edible berries which are very ornamental. **Nursery grown, 2-3 ft., each, 30c; 10, \$2.75.**

**CISTENA PURPLE LEAVED SANDCHERRY**—This is a very attractive shrub, the foliage being a rich purple all through the season. Very valuable as a plant to add color to the ordinary shrubbery clump. 18 to 24 in., each, 50c; 10, \$4.50.



Buffalo Currant

**HOPA RED FLOWERING CRAB**—This is one of Prof. Hansen's productions, and a most beautiful ornamental. It will attain the height of a small tree in time. In May it is a mass of dark **crimson blossoms**, the foliage has a distinct reddish tinge and the small fruits have the same handsome crimson color and are borne in profusion. Each, 60c; 5 for \$2.75.

**SILVER BERRY**—(*Eleagnus argentea*). The American cousin of the Russian olive. A less rank growing shrub, with many small yellow blossoms in the spring of great fragrance. The **unusual silvery color** gives it great value in combination beds. 18 to 24 in., each, 35c; 10 for \$3.00.

**SUMAC, SMOOTH**—(*Rhus glabra*). Another very hardy and handsome shrub, native in the eastern part of our state. The handsome much divided leaves turn a brilliant crimson in the fall, and the peculiar fruit takes on a crimson hue in August. Is also beautiful at blossom time. Heavy plants. Each, 25c; 10, \$2.00.

**AROMATIC SUMAC**—Native of the Bad Lands and very hardy. A handsome shrub whose maximum height is 4 to 5 ft. Has a handsome thick leaf which takes on fine color in the fall. It also bears **small, bright red berries**. The foliage has a strong fragrance, resembling that of the rose geranium. Each, 40c; 10, \$3.50.



Smooth Sumac

**SPIREA—Arguta.** A beautiful hardy spirea which has given excellent results at the Great Plains Station at Mandan. The earliest of the spireas, blooming before Van Houtte, flowers in massed umbels, color white. 18-24 in., each, 50c; 10, \$4.50.

**SPIREA—Van Houtte or Bridal Wreath.**—This is the most graceful of all the Spireas. In June it is a complete mass of small white flowers, well placed among its drooping branches. It is excellent as a specimen plant or for use in shrubbery cluster. 18-24 in., each, 50c; 10, \$2.75; 2-3 ft., each, 40c; 10, \$3.75.

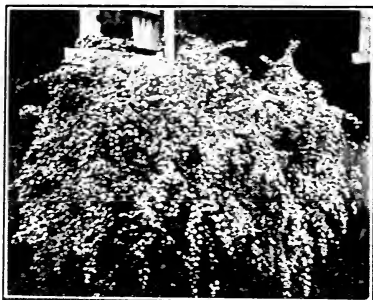
**SPIREA—Froebellii.** This is a spirea of the bumalda type but somewhat larger than Anthony Waterer and in our opinion better adapted to more severe conditions. Flowers are a handsome pinkish red a trifle lighter than the Waterer. Blooms on new wood and remains in flower for a long period. 12-18 in., each, 35c; 10, \$3.00.

**SPIREA—Callosa alba.** Like the A. Waterer, this is a dwarf, growing to a height of 24 in. The large flat clusters of white flowers bloom nearly all summer. Very attractive. Each, 50c; 10, \$4.25.

**SPIREA—Opulifolia (Ninebark.)** A very hardy and handsome shrub attaining a height of 4 to 5 ft., bears flat clusters of handsome white flowers in early July and these turn to red seed containers which add to the appearance of the shrub during most of the summer. 2-3 ft., each, 40c; 10, \$3.75.

**SPIREA—Billardi.** A hardy, vigorous growing shrub with flowers in terminal rose-colored and white spikes blooming from mid-summer until frost. Grows to a height of from 5 to 7 feet. Each, 35c; 10, \$2.75.

**SPIREA—Alba or Salicifolia.**—This is a hardy native and the only native spirea in North Dakota. Resembles very closely the BILLARDI except that the blossoms are always white and the growth is a trifle more delicate and smaller. Each, 35c; 10 for \$3.00.



Van Houtte Spirea

**[MAY DAY BUSH]**—A handsome Siberian shrub resembling our choke-cherry but blooming much earlier. In fact its leaves and blossoms are about the earliest thing to appear in the spring. Flowers in elongated clusters and very fragrant. In blossom the tree is a mass of feathery white plumes. 3-4 ft. transplanted, each, 35c; 10, \$3.00.

**CHINESE APRICOT—(Pr. Armeniaca.)** This handsome shrub is one of the very earliest to bloom in the spring and is therefore of unusual value. It flowers profusely before the leaves appear, the blossoms being pink and white, the bushes varying. Fruit is small and hardly edible, but adds to the handsome appearance of the bush. 18-24 inch, each, 25c; 10, \$2.00.

**CHINESE PEACH.**—Sometimes called Siberian flowering almond, though not quite the same as the almond. A handsome shrub attaining fairly large size, has a mass of pinkish white blooms very early in the spring before most other plants are started. Useful as a natural, tall border, as an untrimmed hedge or as a specimen shrub. 18 to 24 inch size, each, 35c; 10 for \$3.00.

**DOUBLE FLOWERING PLUM—(Prunus triloba.)** Large, double rose flowers, thickly clustered, blooming before leaves appear. Large three-lobed leaves. The most ornamental early flowering shrub. 2-3 ft., each, 85c; 10, \$8.00.

**CUT LEAF ELDER.**—This is one of the hardier members of the elder family, resembling the ordinary sort as to fruit and habit of growth, but having a finely divided, feathery leaf which adds very materially to its beauty as a shrub. Bears large clusters of small white flowers, followed by black berries. Each, 35c; 10, \$3.25.



May Day Bush

**SNOWBALL—(Viburnum sterili.)** An old favorite the country over. Requires a favorable location and plenty of moisture. When conditions are favorable it is unsurpassed among the early blooming shrubs. The last of May or in the first week or two of June it becomes almost completely covered with dense round white flower clusters. 2 to 3 ft. size, each, 50c; 5 for \$2.25.

**SIBERIAN FLOWERING ALMOND.**—This is the strain introduced by Professor Hansen. A very dwarf plant not growing taller than 3 ft. or a little more. Is exceedingly hardy and drouth resistant, being a native of the driest parts of Siberia. It is a mass of bright pink flowers in early spring which last for some three weeks, very fragrant and fine for cutting. Also handsome on account of the fall colors of its foliage. A beautiful low hedge. 18-24 inches, each, 35c; 10, \$3.00; 25, \$7.00.



Siberian Flowering Almond



Purple Lilac

**LILAC—Common Purple.** (*Syringa vulgaris*.)

The old-fashioned shrub bearing dense panicles of lilac flowers in May. **Each, 35c; 10, \$3.00.**

**LILAC—Common White.** The old favorite with its pure white flowers of great fragrance. **Each, 35c; 10, \$3.00.**

**LILAC—Persian.** This is a later blooming form of lilac with finer foliage and flowers. Does not freeze back as often as the common and is a very beautiful shrub. **2-3 ft., each, 50c; 10, \$4.50.**

**LILAC—Josikea.** Still later blooming than the Persian, often coming the very last of June. Handsome dark violet flowers, with large leaves and sturdy appearance. Very hardy, **18 to 24 in., each, 50c; 10 for \$4.50.**

**LILAC—Villosa.** Blooms at the same time as Josikea and much resembles it in appearance, but the flowers are of a pinkish white and are in denser clusters. **Each, 50c; 10, \$4.50.**

**SHRUBS USEFUL FOR HEDGES AND ORNAMENTAL PLANTING**

Tartarian Honeysuckle

**TARTARIAN BUSH HONEYSUCKLE**—The upright or bush form of the Honeysuckle and noted for the great profusion and fragrance of its flowers. Growing from 8 to 12 feet high (according to location), these tall growing shrubs are extremely suitable for shrubby clusters and for individual planting purposes, especially in exposed locations, as they are the last word in hardiness. For hedges they are unsurpassable, being very ornamental in a trained hedge and will stand clipping to any desired shape or form.

**MIXED**—18-24 in., each, 25c; 10, \$2.20; 50, \$10.00; 100, \$19.00.

**PINK**—18-24 in., each, 30c; 10, \$2.50; 50, \$11.00.

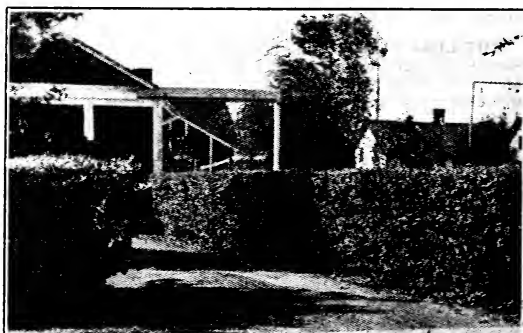
**WHITE**—18-24 in., each, 30c; 10, \$2.50; 50, \$11.00.

**SIBERIAN PEA TREE**—(*Caragana arborescens*.) The most popular of all the Russian and Siberian importations. Valuable alike for trimmed hedge, shelter belt or ornamental shrub and one of the very hardiest plants in existence. It is being used extensively and with the best results in farm plantings. Foliage resembles that of the locust, and a dainty yellow, pea-like flower covers the plant in late May or June. Bark a handsome green in color. **18 to 24 in., 10, \$1.00; 50, \$3.00; 100, \$5.00; 500, \$20.00; 2 to 3 ft., transplanted, 15c each; 10, \$1.20; 50, \$5.00.**

**RUSSIAN OLIVE**—(*Eleagnus angustifolia*.) The hardiest of the Russian importations. Thrives on the poorest soils and withstands drought, heat and cold absolutely. It has small yellow flowers produced abundantly, replaced later by small silvery-white, olive-shaped fruits. When trimmed it makes a beautiful ornamental and when cut back forms a most effective hedge. For hedging, plant 1 foot apart. **12-18 in., each, 10c; 10 for 80c; 50, \$3.00; 100, \$5.00; 500, \$20.00.**

**BUCKTHORN**—One of the most popular hedges where there is a fair amount of moisture and the soil is good. Cold resistant, and makes a beautiful and sturdy hedge. **Plants 12 to 18 in., each, 20c; 10, \$1.50; 50, \$7.00.**

**COTONEASTER**—(*Acutifolia*.) This shrub, which is not only handsome in mixed plantings but unusually well adapted to the formal hedge under conditions where privet is used in milder climates, is one of the most valuable of recent Asiatic introductions. The foliage is dark green and very glossy, flowers which come early are inconspicuous but are followed by handsome black berries which hang until very late. **Each, 60c; 10, \$5.00; 50 at 40c.**



Pea Tree or Caragana Hedge

**OLD MAN or RUSSIAN ARTEMISIA**—One of our very hardiest and quickest growing hedge plants. Will make a 4 ft. hedge in a month or two. Semi-herbaceous and kills back part way over winter, but the new growth comes faster and stronger each year. Feathery branches covered with grayish green foliage and emitting a pleasant, pungent odor. **Each, 25c; doz., \$2.50; 50, \$7.00; 100, \$12.00.**

**BUFFALO or BULL BERRY**—(*Shepherdia arg.*) **Red.** A native shrub, hardy, especially adapted to dry conditions, with silvery foliage. Is a mass of brilliant red berries from early August until they are picked or eaten by birds. Named by the early French explorers as the bushes in fruit looked at a distance as though they were hung with fresh buffalo meat. The berries make an excellent jelly. **Price, nursery grown, 3-4 ft., each, 35c; 10, \$3.00; 50, \$13.00.**

**YELLOW BUFFALO BERRY**—A much rarer form which we have only recently been able to propagate. Berries are even better in flavor and for jelly than the red. A mixed clump makes a handsome contrast. **18-24 in., each, 50c; 10, \$4.25.**



Old Man

## HARDY ROSES

**Add 10c to price of Single Rose if ordered postpaid.**

Few roses are suited to the climate of the Northwest and nearly all require some winter protection. Of those we list, Persian Yellow and Hugonis are entirely hardy without covering. The Rugosa and its hybrids will kill back a trifle in severe winters, but are generally hardy; all others should be cut back in the fall and well covered, preferably with soil banked up, but at least with straw or manure.

**HARRISON'S YELLOW**—After several years of comparison between this and the Persian Yellow which is a very close relative, we have come to the conclusion that there is no apparent difference in hardiness and that Harrison's is somewhat more double and has a larger blossom. It bears very profusely rather early in June and remains in flower for 10 days to three weeks. **Each, 85c; 10, \$8.00.**

**GEN. JACQUEMINOT**—(Hybrid Perpetual or Bush Rose.) One of the best and most popular of the red H. P. roses grown. It is bushy in habit and quite hardy. The large and fragrant flowers are a rich crimson. Should have some winter protection. **Each, 75c; 10, \$7.00.**



Harrison's Yellow

### HUGONIS—The New Hardy Chinese Rose.

This rose, which has created a sensation since its introduction, is a yellow bush rose of rapid growth, with exceptionally handsome foliage and bearing an unbelievably heavy blooming of single yellow flowers in June. The foliage turns a bronze red in fall so that this is the one rose which is ornamental all season instead of at blossom time only. Perfectly hardy. **Each, \$1.00; 10, \$8.50.**

**CRIMSON RAMBLER**—(Climber). The Crimson Rambler is the hardiest of the climbers and will survive if laid down and covered with earth through the winter. Grows 8 ft. or more per year and in June is a mass of brilliant crimson blossoms in dense clusters. **Each, 75c; 5 for \$3.50.**

**WHITE RAMBLER**—(Climber). This is similar to the crimson in habit of growth and all other respects except that the blossom is pure white. **Each, 75c; 5, \$3.50.**

**CRIMSON BABY RAMBLER**—(Dwarf polyantha). Flowers similar to those of the climbers but plant forms a dwarf bush excellent for bed and as a pot plant. Blooms continuously throughout the summer and flowers are a brilliant crimson in color. **Each, 75c; 5 for \$3.50.**

**PRAIRIE ROSE**—(*Rosa pratincola*.) The North Dakota State Flower and the hardiest and prettiest of the several wild roses of the Northwest. Never grows taller than 2 to 3 ft. and assumes a symmetrical bush shape which makes it ideal for low division lines. The large single pink blooms are followed by bright scarlet berries of good size. **Each, 35c; 10 for \$3.00.**



Baby Rambler



## HARDY HYBRID RUGOSA ROSES

**HANSA—(Rugosa hybrid).** Crimson in color and one of the very hardiest. Strong and upright in growth, handsome foliage and blooms throughout the summer most profusely. Flowers keep well when cut. **Each, 75c; 5 for \$3.50.**

**AMELIE GRAVEREAUX—(Hybrid rugosa.)** One of the most handsome hybrids. The color is a rather brighter red than Hansa and the flowers though smaller are better formed and resemble the tea roses more. Very fragrant, medium hardy. **Each, 80c; 5 for \$3.60.**

**C. F. MEYER—(Hybrid rugosa.)** One of the handsomest pinks, the flowers being a clear silver rose, very large and double. A very beautiful rose. Medium hardy. **Each, 75c; 5 for \$3.50.**

**NEW CENTURY—**This is a handsome, light pink, bush rather low growing, 2 to 3 ft., but flowers of very large size. It is one of the hardier sorts, with the handsome leathery foliage of the rugosa. A Van Fleet production. **Each 80c; 5 for \$3.75.**

**SIR THOS. LIPTON—(Hybrid rugosa.)** This is one of the hardiest of the white rugosa hybrids and one of the very best as to size and doubleness of the flowers as well as they are offering it instead of the old white sort that we listed formerly. **Each, 80c; 5 for \$3.75.**

**GROOTENDORST—(Rugosa-polyantha hybrid.)** Something new in roses. Handsome rugosa foliage with flowers in clusters like its baby rambler parent. The flowers however resemble carnations more than anything else and are of a delicate pink shade which heightens the resemblance. **Each, 80c; 5 for \$3.75.**



Sir Thos. Lipton

## PEONIES

Peonies are without doubt the most hardy, beautiful and easily grown perennials of all the flowers grown within the temperate zone and when once planted last a lifetime.

Deduct 5c per root on named sorts if ordered by express.

**CHOICE MIXED—**These are roots from mixed plantings of fine selected varieties, most of them being of the sorts which we list separately. We do not furnish special colors. **Each, 50c; 10 for \$4.00, postpaid. By express, each, 45c; 10, \$3.75.**

**FESTIVA MAXIMA—(White.)** One of the oldest and very finest varieties, and perhaps the largest of them all. Pure white with a tinge of crimson at the heart, early, a heavy bloomer. Rose type, perfect for cutting. **Postpaid, each, 70c; 5 for \$3.00.**

**COURONNE D'OR—(White.)** This splendid late white sort is distinctive for the crown or halo of golden yellow anthers which surrounds the heart of the large, rose type flower, giving it a most beautiful and distinguished appearance. Pure, creamy white except for the crown. **Postpaid, each, 80c; 5 for \$3.50.**

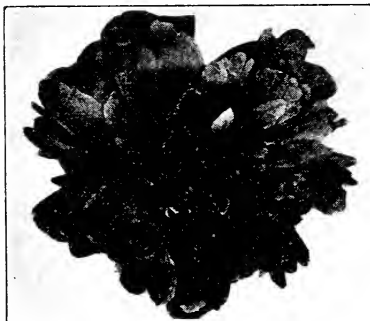
**L'ESPERANCE—(Pink.)** A beautiful mid season, pink flower of the rose type with an unusually handsome shading of pink. Sturdy, productive and excellent for cutting. **Postpaid, each, 70c; 5 for \$3.00.**

**FELIX CROUSSE—(Red.)** One of the finest of the reds, color a rich ruby, full rose type bloom, late mid-season in appearing. A sturdy plant with many blooms which are excellent for cutting and handsome on the stems. **Postpaid each, \$1.00; 5 for \$4.50.**

**KARL ROSENFELD—(Red.)** One of the finer red sorts, comes along in early midseason. A rich velvet crimson in color with a bloom on every shoot. Blooms large and of the rose type. **One of the richest flowers that we have. Postpaid, each, \$2.00; 5 for \$8.00.**



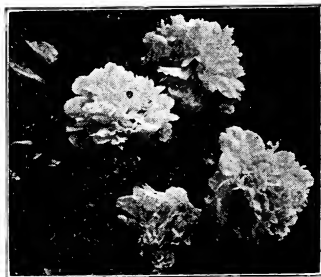
Mon. Jules Elie



Karl Rosenfeld

**MONS. JULES ELIE—**This is undoubtedly the finest rose-pink peony in cultivation. The flowers are of tremendous size, very compact, and display class in shape, color and size. This is probably the largest peony known. **Postpaid each, \$1.40; 5 for \$6.50.**

**FLORAL TREASURE—**This peony blooms in midseason, bearing very large compact flowers of a beautiful shell pink shade. **Postpaid each, 75c; 5, \$3.25.**



Festiva Maxima



# HARDY and HANDSOME PERENNIAL FLOWERS

Arranged alphabetically. Earliness indicated. This is a selected list including many of our exceptionally beautiful natives. Prices of all perennial roots unless otherwise noted: **each 20c; doz., \$2.00. By mail, each, 25c; doz., \$2.50.**

**ACHILLEA—(The Pearl.)** One of our finest hardy herbaceous border and bedding plants. Has pure white double flowers in dense clusters blooming **from July until October.** Also used much in cemeteries and for cutting purposes,  $1\frac{1}{2}$  feet.

**ANEMONE or WINDFLOWER—(Anemone canadensis.)** Has beautiful white flowers in **June and July** and will do especially well mixed in with partially shaded shrubbery. 12 to 18 inches.

**ASTER, TALL BLUE—**Another native attaining a height of 3 to 5 feet. Very similar in appearance to the beautiful New England aster; tall stemmed with handsome foliage. **Blooms in late August and September.**

**ASTER, BLUE UPLAND or DAKOTA BLUE—**This is one of the handsomest of the native asters, dwarf in habit, extremely profuse bloomer, with large blue, yellow-centered flowers. **One of the latest perennials blooming till October.** 12 to 24 inches.

**BABY'S BREATH—(Gypsophila paniculata.)** A very graceful plant blooming in **August and September**, when it becomes a mass of minute, pure white blossoms, unexcelled for cutting. 2 feet.



Achillea

**TALL BLAZING STAR—(Liatris squarrosa.)** This is one of our most beautiful of mid-season perennials; purple, feathery flowers borne thickly on a long spike during **July and August.** 24 to 36 in.

**DWARF BLAZING STAR—**This is a small variety of the one previously listed. Very hardy and drought resistant; especially suited to sandy soil. Deep purple flowers on wand-like stems in **July and August.** 10 to 20 inches.

**BLEEDING HEART—(Dicentra spectabilis.)** One of the very best old fashioned garden plants and hardy in every respect. Very fine for borders or margins of shrubbery. Quite distinct and very scarce the last few years. **Blooms in June and July.** Each, 65c; mail, each, 75c.

**BOLTONIA—**A handsome **August blooming** native perennial with masses of small white, aster-like flowers. Grows from 3 to 5 ft. high in a dense clump. **Each, 15c; doz., \$1.50, postpaid.**



Blazing Star

**BOUNCING BET—(Saponaria.)** An old favorite and one which we have found to be perfectly hardy. 12 to 18 in. high with a close head of white or pinkish white blooms at the top, resembling phlox very closely. Blooms throughout most of the summer.

**COLUMBINE—(Aquilegia canadensis.)** The red and yellow flowered sort of this old favorite, sometimes called Honeysuckle. **Blooms from May to July.** Height 18 to 24 inches.

**DELPHINIUM or PERENNIAL LARKSPUR—**The larkspur is the classic of the garden, with its tall spikes of brilliant blue and lavender, and its graceful foliage. One of the hardiest and most satisfactory of the old favorites. 3 to 6 feet. **Blooms the last of June and most of July and August.**

**BLUE PERENNIAL FLAX—**Another beautiful native which we are adding to our list. Very hardy and thrives well in any soil, producing a dense mass of stems covered with beautiful blue flowers in **June and early July and again in the fall.** 18 to 24 inches.



Columbine



Delphinium

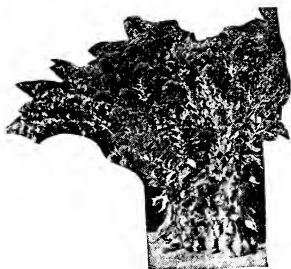
Each 20c; doz. \$2.00; by mail each 25c; doz. \$2.50 unless otherwise noted.



Hollyhock and Yucca Glauca

**GAILLARDIA or BLANKET FLOWER**—One of the showiest and hardiest of the perennials. Blooms from July to frost and presents a mass of red and yellow that is very striking. Valuable for cutting and a good keeper. A close relative of our native gaillardia. 12 to 24 in. high.

**GOLDEN GLOW**—(*Rudbeckia*.) A very free flowering and one of our most attractive autumn flowering perennials for massing or mixed borders, producing beautiful golden yellow flowers in great profusion from August until October. 5 to 6 feet.



Golden Rod

**GOLDEN ROD**—One of the most beautiful and effective of the late flowering plants. Blooms from August on. Grows from 18 to 36 in. high with feathery spikes of yellow bloom. There are many sorts but we consider this the finest species. Each, postpaid, 10c; doz., \$1.00.

**HOLLYHOCK or WALLFLOWER**—We have a wonderfully fine stock of this old favorite. It is perhaps more useful than any other perennial. Blooms in July and August. Tall growing, it is ideal for a background or screen, and comes in more beautiful shades and colors than any of the other large plants. Unless the tops are cut back after blooming it will not grow again the following year. Height 4 to 8 feet. Best Mixture, each, 20c; doz., \$2.00. By mail, each, 25c; doz., \$2.50. Choice Double, each, 30c; doz., \$3.00. By mail, each, 35c; doz., \$3.50.

**LEAD PLANT or AMORPHA CANESCENS**—This is one of our most handsome midsummer blooming native perennials. Grayish green foliage, long spikes of rich purple flowers with golden anthers. 18 inches to 3 feet. Blooms in late July.

**LILY OF THE VALLEY**—An old favorite, early blooming, shade loving. Of wonderful beauty and fragrance. Blooms in June. Height, 6 to 12 inches.

**MEADOW RUE, TALL**—(*Thalictrum*.) A beautiful native with foliage reminding one both of the columbine and the maiden hair fern. Grows to a height of three to four feet forming a dense clump, and bears tall plummy spikes of a delicate and feathery pink and cream flowers. Blooms in late June and July but is handsome all summer.

**PASQUE FLOWER**—(*Pulsatilla patens*.) Sometimes called the prairie crocus. The first flower to come out on our northern prairies in March or early April, often while the snow is still on the ground. 6 to 8 inches tall with a delicate, lavender, tulip shaped bloom, followed by a silky tuft of a silvery color.

**PENTSTEMON GRANDIFLORA**—This is perhaps the most beautiful of all our native flowers, blossoms of lavender or blue, bell-like in shape and nearly an inch in diameter, covering a spike from 18 to 24 inches long. Blooms early in July.

**PLATYCODON or CHINESE BELL FLOWERS**—We have a stock of both the deep blue and the white sort. With its balloon-like buds and large, handsome bell-like flowers this is a most satisfactory hardy flower. Blooms in early July. Height 20 to 30 inches.

**PRAIRIE CLOVER**—(*Petalostemum*.) This is a handsome purple native, the numerous heads coming into blossom in August. Very attractive to bees and butterflies. Height, 12 to 30 inches, varying with the quality of the soil.



Pentstemon

**SPIDERWORT**—(*Virginia*.) An old favorite and a hardy native as well. Grass-like foliage bearing in clusters large brilliant blue flowers which appear about July first. Height about 12 to 15 inches.

**SHASTA DAISY**—(*Chrysanthemum Max.*) Flowers large, pure white with yellow center, very showy and free blooming. A fine border plant. Blooms in July. 12 to 18 inches.

**MAXIMILIAN'S SUNFLOWER**—(*Helianthus.*) Large single flowers, borne profusely, rich golden yellow, center reddish brown. Dark green drooping foliage. Blooms August and September. 5 to 7 feet.

**SWEET WILLIAM**—Another old favorite, belonging to the pink family. Colors mostly red and white. Blooms in July. 18 to 24 inches high.

**TIGER LILY**—(*Lilium Tigrinum.*) Flowers bright deep orange red, spotted with purplish black spots. Very useful, thriving from year to year in open border. 2 to 4 ft. Dormant bulbs only.

**DOUBLE TIGER LILY**—This resembles the single form but is fully double and of a trifle more delicate shape and appearance. Exceedingly handsome. Each, 25c; doz., \$2.50; by mail, each, 30c; doz., \$3.00.

**BLUE VIOLET**—For early spring the native violets are unsurpassed in beauty. The blue will stand either shade or sun and is very greatly enlarged by cultivation. Blooms in late May and early June.

**WHITE VIOLET**—The native woods violet, especially suited to shady or partly shaded locations and of great beauty.

**YUCCA or SPANISH BAYONET**—(*Yucca Glauca.*) Native on dry clay buttes and in the driest possible location. Very ornamental in its ordinary condition, and unusually beautiful when it blooms in July with its long spike of greenish-white bells. Height 12 to 14 inches.



Native Violets

## HARDY IRIS

A grand family with many varieties. The flowers are amongst the most glorious of our hardy gardens, and by proper selections may be had in bloom for several weeks.



### DWARF EARLY

**SAMBO**—(*Pumila.*) The earliest of all iris; a dwarf variety of uncommon beauty which blooms very early in the spring. Color a rich purple. Especially suited for edging and borders. Each, 20c; doz., \$2.00; by mail, each, 25c; doz., \$2.20.

**ARENARIA**—A very early yellow variety; groups well with the Sambo. Each, 20c; doz., \$1.75; by mail, each, 25c; doz., \$2.00.

### SIBERIAN IRIS

Each, 20c; doz., \$2.00; by mail, each, 25c; doz., \$2.25.

**ORIENTALIS**—Large, handsome violet-blue flowers blossoming after the flag iris are gone. This variety, having conspicuous crimson spathe valves, is also very ornamental in the bud stage. 2 to 3 feet.

**SNOW QUEEN**—An exquisite new variety with flowers ivory white in color and one of the finest of the whole Iris family. 2 to 3 feet.

**GEORGE WALLACE**—A very pleasing color combination of blue and white. One of the tallest varieties of the Iris family. 3 to 4 feet.

### GERMANIC or FLAG IRIS

**MADAME CHEREAU**—Tall with high standards. Flowers white with blue margins. Each, 20c; doz., \$2.00; mail, each, 25c.

**FLAVESCENS or CANARY BIRD**—One of the best, and very conspicuous when planted in a mass. Upright; soft, creamy yellow, falls paler cream color, with striped base. Each, 25c; doz., \$2.00; mail, each, 30c.

**QUEEN OF MAY**—A new and choice variety with mauve-purple flowers. Each, 25c; doz., \$2.00; mail, each 25c.

**SILVER KING**—Solid lavender fading to white. Each, 20c; doz., \$2.00; mail, each, 25c.

**SANS SOUCI**—Upright petals a rich striking yellow. Drooping petals dull maroon. Each, 20c; doz., \$2.00; mail, each, 25c.

**SAMPSON**—A standard German iris with large and exceedingly handsome blooms of yellow, bronze and dark red shading into each other and producing a very striking and beautiful effect. Postpaid each, 25c; doz., \$2.25.

**EUROPEAN YELLOW FLAG**—(*Iris pseudacorus.*) This is an exceptionally hardy iris, valuable more for its size and vigor than for the flowers which are a pale yellow. The plant attains a height of 3 to 5 ft. in a very short time and soon forms a heavy clump. Very useful therefore in beds and landscape planting. Needs plenty of moisture to look its best. Each, 20c; 12, \$1.75; postpaid each, 25c; 12, \$2.00.

# INSECTICIDES FOR ALL PURPOSES

Prices Subject to Change. Ask for Prices on Large Lots.  
All Prices by Express or Freight Unless Otherwise Stated.



**ACME GARDEN GUARD**—A garden insecticide and fungicide for use as a dust. No water, no mixing, no muzz. For use on: Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds. Prices: 1 lb. sifter carton 20c; 5 lb. 75c.

**ACME ALL ROUND SPRAY**—The latest improvement in the insecticide field: one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. Write for descriptive circular. Prices:  $\frac{1}{4}$ -lb. 35c;  $\frac{1}{2}$ -lb. 45c; 1 lb. 85c.



**BAIT M**—for Cut Worms—An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn. For use against snails, cutworms, sow bugs, grasshoppers and many other insects which migrate along the ground. Price, 1 lb. 35c; 3 lbs., 70c

**ACME LONDON PURPLE**—A favored insecticide for 50 years. Now stronger and better than ever. London Purple is one of the lightest and fluffiest powdered insecticides on the market, assuring complete coverage and greatest adhesion to foliage. For use on potatoes, cotton, tobacco, sugar beets and many other shrubs and vegetables affected by leaf chewing insects. Prices:  $\frac{1}{4}$ -lb., 20c; 1 lb., 40c; 4 lb., \$1.50.

**HAMMOND'S SLUG SHOT**—One of the very best remedies against both cabbage worms and potato bugs as well as squash and cucumber bugs. A powder harmless to human beings and animals. Apply with a duster such as listed on page 95. By express or freight, 1 lb., 25c; 5 lb. pkg., 75c; 10 lbs., \$1.50; By mail, add your zone postage.

**BLACK LEAF 40**—A tobacco preparation especially for plants and nursery stock. An excellent aphid remedy. 1 oz. bottle (makes 6 gallons), 35c. Cannot be sent by mail.

**SULPHO-TOBACCO SOAP**—Combines the qualities of tobacco and an oily emulsion which no insect can withstand. Kills all kinds of plant lice, worms, etc. Also valuable as general insecticide for roaches, fleas, etc. Is not poisonous to plants or animals—only to insects. Postpaid, 3 oz. cake, 15c; 8 oz. cake, 30c.

**FISH OR WHALE OIL SOAP**—A caustic potash soap made from pure fish oil, valuable for rose bushes as a wash, and for the leaves and bark of plants or trees to kill eggs and scale. Smear on trees will prevent the ascent of worms. A remedy against aphids. Postpaid, 1 lb. cake, 30c.

**CARCO**—This is the best remedy for cutworms and other underground pests. Use one pint to 75 pints of water and spray the soil before planting. Later use one pint to 125 pints of water. By express or freight, one pint, 75c. Postpaid, 90c.

**TOBACCO DUST**—An excellent remedy against all kinds of aphids or plant lice. Per lb., by express 15c; 5 lbs., 50c. Postpaid, 1 lb., 25c.

**RAX**—The Rat and Mouse Destroyer. We have experimented with various preparations for destroying vermin for many years, and have found RAX to be the surest and best. It is not poisonous but inoculates the animals with a disease to which they alone are susceptible. The disease is contagious and soon spreads to all the animals in a building. Per pkg., 75c; postpaid, 85c.

**PARIS GREEN**—The old reliable. Unavailable.  $\frac{1}{4}$ -lb., 20c; 1 lb., 45c; 4 lb. bag at 40c per lb., larger lots at same price.

**ARSENATE OF LEAD**—Rapidly coming to the front as a spray for potatoes. Powder form. Unavailable.  $\frac{1}{4}$ -lb., 25c; 1 lb., 40c; 4 lb. bag at 38c; larger lots at same figure.

**BORDEAUX MIXTURE**—This is the only remedy against fungus diseases such as rusts, blights, mildews, etc., in shrubs, plants and trees. 1 lb., 40c; 4 lb. bags, \$1.40. Unavailable.

**RAT BISKIT**—For quick action this rat poison is the most satisfactory that we have tried. Small biskits containing the poison, not to scatter them about where the rats run. No fuss or muss. Can containing 18 biskits, price 35c, by express. Cannot go by mail.

**RAT BISKIT PASTE**—This is put up in tubes and all that is necessary is to squeeze it out on the bread or other bait. The same poison that is contained in the Biskits. Price per tube, 25c, by express. Cannot go by mail.

**CLINTARK, for INJURED TREES**—This is a preparation for protecting injured surfaces on trees and shrubs, for use where the bark has been torn or scraped, after trimming, and in all similar ways. Price 1 lb. can by express or freight, 60c; postpaid, 70c.

**PERRIGO'S FLY KILLER**—The best fly spray we have ever tried. The least drop will kill. For the stable and house. 8 oz. size, 45c postpaid; 16 oz. size 75c postpaid.

**CARBOLA**—A Disinfecting White Paint. A white paint and powerful disinfectant in powder form. Quickly mixed with water—no waiting or straining. Applied with brush or sprayer to all surfaces. Does not flake or peel off. One pound covers 100 square feet. Agricultural colleges and experiment stations highly recommend it for cleanliness and prevention of disease in poultry houses, etc. 5 lb. pkg., 75c; 10 lbs., \$1.25; 50 lbs., \$5.00.

**"NEPONSET" WATERPROOF PAPER FLOWERPOTS**—Just the thing for starting bedding and vegetable plants, etc. They make a fine cut worm guard, as the paper is creosoted. 3 inch size, 30c per dozen, \$2.00 per 100, postpaid. \$14.00 per 1000, postpaid.

**HARRIS READY-TO-USE LOCKED PLANT BANDS AND POTS**—The only really Ready-to-use bands on the market. No locks to put together, no tacks to drive, no folding of corners. The finest thing known to transplant plants of every kind. They are cheap, easy to use and very satisfactory. They come already folded and set up. All you have to do is open them, set close together in a box, fill with dirt and put in the plant. These have about twice the capacity of round pots the same size. Bands, 2x2x2 $\frac{1}{2}$  inches, package of 250, \$1.50, postpaid. Bands, 3x3x3 inches, package of 250, \$2.00, postpaid. Pots, 3x3x3 inches, package of 250, \$2.25, postpaid.



# FEEDS AND POULTRY SUPPLIES

SEND FOR OUR BLUE FEED LISTS—ISSUED AS PRICES CHANGE

All Prices by Express or Freight Unless Otherwise Noted  
Prices Subject to Change Without Notice

## WILL'S PIONEER BRAND POULTRY FEEDS

We wish to call especial attention to our own line of prepared poultry feeds and mashes. We have selected the best formulas recommended by the State Experiment Stations of the Northwest, and compounded them of the highest grade materials with the utmost care.

We are this year manufacturing a complete line of poultry foods of our own mixture, including mashes, which we are preparing from high quality grains from formulas recommended by the best authorities. We are sure they will give even better satisfaction than what we have handled in the past.

**PIONEER BRAND EGG OR LAYING MASH**—A ration of this feed adds greatly to egg production, especially in winter. 25 lb., \$1.50; 100 lbs., \$5.00.

**PIONEER BRAND MILK MASH**—To promote healthy and rapid growth of chicks, and for fattening. 25 lbs., \$1.60; 100 lbs., \$5.50.

**PIONEER BRAND BABY CHICK FOOD or CHICK STARTER**—For baby chicks up to three weeks old. A carefully ground, mixed and screened feed. Lb., 4c; 100 lbs., \$3.75.

**PIONEER BRAND CHICK FOOD**—To be fed after three weeks old and until chicks are able to eat whole grain. Lb., 3½c; 100 lbs., \$3.00.

**PIONEER BRAND SCRATCH FEED**—A balanced grain mixture of our own preparation for mature birds. Has given uniformly excellent results. 100 lbs., \$2.25.

**MEAT SCRAPS.** 25 lb. sack, \$1.75; 100 lbs., \$6.00.

**JERSEE MILK FOOD**—A whole dried milk compound useful alike for poultry, calves and young pigs. One pound of the Compound to 5 to 10 pounds of corn, ground feed or other feed is used, depending on the type of feed you desire. Takes the place of all milk for the calf. 3 lb. package, 75c; 12 lb., \$2.75; 25 lbs., \$5.50.

**DRIED BUTTERMILK**—This is almost an indispensable article in feeding poultry scientifically and for best results. By express or freight, lb., 20c; 25 lb. lots or larger, 15c per lb.

**ALFALFA MEAL**—By express or freight, 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.50.

**OIL MEAL**—10 lbs., 60c; 100 lb. sack, \$4.00. Ask for prices on larger amount.

**CALF MEAL**—Raise your calves without milk. This compound, composed of balanced ingredients, is a perfect milk substitute. Has been used for years and always with the best success. Comes in all size sacks, full directions accompanying every sack. Try it and you will always use it. 25 lb. sack, \$1.75; 50 lbs. sack, \$3.00; 100 lbs., \$5.00.

**DIGESTER TANKAGE**—A very necessary conditioner for hogs. 100 lbs., \$6.00.

**SUNFLOWER, HEMP AND CANARY**—For poultry, parrots and song birds. By express or freight, lb., 20c; 10 lbs., \$1.50.

**EGG LAYING TABLETS**—LeGear's. To be used in the feed. Very well recommended. Pkg. of 50 tablets for 55c; 120 tablets, \$1.05, postpaid.

**CHARCOAL**—To keep fowls in a healthy state, a regulator of some kind must be fed. Nothing takes the place of charcoal. 10 lbs., 75c; 50 lb. sack, \$2.50.

**MICA CRYSTAL GRITS**—By express or freight, 100 lbs., \$2.00.

**PEARL LIMESTONE GRIT**—The dual purpose grit, hard enough to furnish the necessary grinding material for chickens, and soluble enough to furnish the much needed lime for bone and shell building. No other grit need be used with this. 25 lbs., 50c; 100 lbs., \$1.65; ton, \$30.00.

## PILOT BRAND CRUSHED OYSTER SHELLS

We have a good supply on hand this year. 10 lbs., 25c; 100 lbs., \$1.65.

## POULTRY SUPPLIES

**REVENGE LICE KILLER**—No dusting required. Merely sprinkle about the pen or house, and roosts, unless the lice are very bad when it should be applied direct to the birds. A disinfectant which will prevent diseases to quite an extent. Lice begin to die within 4 minutes of use. Small package, 75c; postpaid; larger size, \$1.10.

**EVAPOMETER**—An instrument to indicate the percentage of moisture in the incubator. THIS MACHINE WILL SAVE THE EGGS IN THE INCUBATOR, and give a very much higher hatch. Do not guess, but know what your moisture is. Price, \$1.00 postpaid.

**GLASS JAR DRINKING FOUNTAINS**—We supply only the lower dish and the holder for the jar. Any common glass jar or sealer will do. Price, postpaid, 25c.

**CHAMPION LEG BANDS**—Aluminum. Numbered from 1 to 100. Price, 25 set, 20c; 100 set, 85c.

**KEYRING CELLULOID LEG BANDS**—Different colors. Doz., 20c; 100, 80c postpaid.

**INCUBATOR THERMOMETER**—This is the most convenient, most accurate and altogether most satisfactory thermometer that we have seen, and takes up the least tray room. Each, \$1.00, postpaid.

**NO. 39 POULTRY PUNCH**—Scissors type, works easily, cuts clean without bruising. One of the most satisfactory ways to mark your poultry, ten to fifteen different markings using both feet are possible. Each, 55c, postpaid.

Prices on Incubators and Brooders sent on request.



**Prices Are All Postpaid on Small Size Packages**  
**Book on "Cure & Treatment of Stock & Poultry" by Dr. Le Gear, free on Request**

**STOCK POWDERS** in the following sizes: 30c postpaid; by express, 25 lb. pail, \$3.00.

**WHITE DIARRHOEA REMEDY.** 35c.

**STOCK DIP.** 1 qt. cans, 65c; per gallon, \$1.75; by express or freight.

**ANTISEPTIC HEALING POWDER, Pkg., 35c.**

**BOWEL REGULATOR.** Efficacious for cholera. 35c.

**POULTRY POWDER.** Pkg., 30c.

**LICE KILLER.** Per Pkg., 30c.

**ROUP REMEDY.** 35c.

**LINIMENT, BOTTLE.** 35c.

**SORE HEAD REMEDY.** 35c.

**HEAD LICE REMEDY.** 35c.

**COLD REMEDY.** 35c.

## FERTILIZERS FOR ALL PURPOSES

In this new country of rich soil the fertilizer question has been little considered, but as gardening, flower growing and vegetable raising increase, needs for special fertilizers are developing. Barnyard manure is excellent but requires time to release the plant food.

The three necessary elements in plant growth which are not always present in the soil are nitrogen which stimulates luxurious growth; phosphorus, which has a tendency to force bearing and hasten maturity, and potash which stimulates growth, delays maturity of grains and grasses but hastens maturity in root crops. We offer these three elements separately below, nitrogen in nitrate of soda, phosphorus in bone meal, and potash in muriate of potash.

**PULVERIZED SHEEP MANURE**—This is by far the most concentrated of the cheaper fertilizers and is adapted especially for garden and lawn use, and for use in a larger way where the land is being used intensively. Sheep manure is a complete fertilizer and supplies every item which worn-out soil requires. Use from 5 to 10 lbs. per 100 square feet. **Price, 10 lbs., 40c; 25 lbs., 60c; 50 lbs., 80c; 100 lbs., \$1.25; 500 lbs., \$6.00; 1000 lbs., \$11.00; one ton, \$20.00.**

**LAWN RENEWER**—A strong prepared fertilizer for run-down lawns as well as general garden and flower bed. One pound equals 20 pounds stable manure. Use at rate of 25 lbs. per 1000 square feet. **10 lbs., 75c; 25 lbs., \$1.40; 50 lbs., \$2.25; 100 lbs., \$4.00.**

**NITRATE OF SODA**—The great growth stimulator, the best chemical agent in supplying the much needed nitrogen to deficient soils. Has a wonderful effect on lawn, garden or flowers. **By express or freight, 5 lbs., \$1.00; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$8.00.**

**STEAMED BONE MEAL**—(The great phosphorus supplier). Causes fruiting and blooming in reluctant plants, flowers, shrubs and trees; hastens maturity so promotes earliness when applied in the spring. Especially useful to stimulate bloom in peonies. **Lb., 25c, postpaid; by express or freight, 10 lbs, \$1.00; 50 lbs., \$3.00; 100 lbs., \$4.75.**

**MURIATE OF POTASH**—Promotes growth, delays development and causes longer growing in grains, grasses, flowers, but stimulates both growth and maturity of root crops such as beets, carrots, etc. **By express or freight; 5 lbs., 80c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.**

**AMMONIA SULPHATE**—The Lawn Fertilizer. Also valuable for the garden or flower bed. A highly concentrated nitrogen fertilizer which acts very quickly. Use it on the lawn in the spring at the rate of 3 lbs. per 1000 square feet. Valuable also for trees and shrubbery. **Price, 10 lb. bag, \$1.00 by express or freight.**

**STIMUPLANT**—Concentrated fertilizer and plant food in tablet form, the most concentrated form of plant food on the market. Four tablets make one gallon strong fertilizer. **Pkg. of 30 tablets, 25c; postpaid, 30c. Pkg. of 100, 75c; postpaid, 85c.**

**ZENKE'S NEW PLANT LIFE**—An unusually concentrated and very satisfactory fertilizer for the potted plants or the small garden. **8 oz. can., 45c, Postpaid.**

## CLAY OR STONWARE FLOWER POTS AND SAUCERS

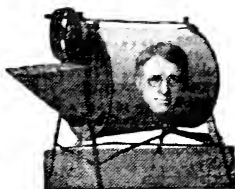
Priced F. O. B. Bismarck, for shipment by express or freight. Cannot be sent by parcel post.

**STANDARD POTS**—3 inch, 7c each, 70c per doz.; 4 inch, 10c each, \$1.00 per doz.; 5 inch; 15c each, \$1.50 per doz.; 6 inch, 20c each, \$2.00 per doz.; 7 inch, 30c each; 8 inch, 50c each, 9 inch, 75c each; 10 inch, \$1.00 each; 12 inch, \$1.50 each.

**SAUCERS FOR POTS**—Prices one-half the price for the same sized pots.



**THE IMPROVED HOILAND WILD OAT SEPARATOR**—This machine will take wild oats out of wheat, barley and tame oats, and is the only machine which will perform all these three separations. The machine has a capacity of 15 to 25 bu. per hour with double capacity for the large size. **Single size, \$35.00; double size, \$50.00.**



**THE CYCLONE SEED SOWER**—To broadcast Grain, Grass and Clover Seed—Also to Seed Onion and Rutabaga. The machine is so simple in construction and so perfect in operation that even a boy can operate it. It will sow clover, timothy, wheat, oats, rye, buckwheat, Hungarian, Red Top, turnip, millet, alfalfa and all other farm seeds perfectly even and in any desired amount to the acre and from thirty to sixty acres per day. Full instructions and directions on every machine. **Price each, \$2.25; postpaid. By express, \$2.00.**

**ACME POTATO PLANTER**—All steel with basket tube to drop into. **Price, \$2.75 each, by express or freight.**

**ACME HAND CORN PLANTER**—Plants one to five kernels per hill as desired. **Price \$2.00, by express or freight.**



**LANG'S HAND WEEDER**—The ideal tool for the flower bed or small garden. A necessity to every gardener. **Price, postpaid, 25c each; \$2.50 per dozen.**

**HAND GARDEN TROWELS**—We have secured a supply of extra good quality heavy trowels. Neither handle nor blade will break or bend. **Price, each, 80c, postpaid.**

**HUDSON LAWN MOWER**—This is a ball-bearing self-sharpening machine of very best quality. Easy running, clean cutting, and always sharp. **Price, F. O. B. here, by express or freight, 14-inch cut, \$9.00.**

**EXCEL CORN POPPER**—This very handy home corn popper is furnished equipped as an **Electric Popper** or for use with gas or coal stove. **Pops quickly and completely—just screw the plug in a socket, put in a handful of popcorn and the popper does the rest. Price, electrically equipped, \$2.15 postpaid. For use with gas, each 65c, postpaid.**



#### SPRAYERS AND DUSTERS

Prices on repairs and large sprayers on request.

**ONE QUART GLASS JAR SPRAYER**—This is a substantially built and very satisfactory small machine. **Price, by express or freight, \$1.00.**

**PERFECTION**—This is an exceedingly well built knapsack sprayer with a capacity of four gallons. Reinforced galvanized tank. **Price, \$6.50, by express or freight. With brass tank, price \$10.00.**

**JUNIOR**—A smaller knapsack type; capacity 2½ gallons; built as sturdily in every way. **Price, \$5.40 by express or freight. With brass tank, \$8.00.**

**ACME DUSTER**—A cheap and exceedingly satisfactory duster for the application of all powder insecticides. **Price, postpaid, 80c.**

**POWDER SPRAYER OR DUST GUN**—A low-priced mechanical dust distributor that gives good satisfaction. Built somewhat along the lines of the smaller sprayers. **By express or freight, \$1.00; postpaid, \$1.25.**

#### GARDEN AND LAWN HOSE, NOZZLES AND SPRINKLERS

Prices by express or freight, unless marked Postpaid.

**HOSE—Imperial.** Black Non-Kinkable. First Quality. **Cut any length. Price, 15c per foot. Couplings, 25c extra.**

**MOHAWK or MINNESOTA**—Black, cheaper quality, but a good durable hose, 50 foot lengths, with couplings, **\$5.00.**

**RAIN KING SPRINKLER**—The handiest sprinkler we have ever seen. **Adjustable for both distance and direction. A wonderful invention. Price, \$3.50; postpaid, \$3.75.**

**FOUNTAIN SPRINKLERS**—The standard ring sprinkler. **Each, \$1.25, postpaid.**

**HOSE NOZZLES**—Each, **\$1.00 postpaid.**

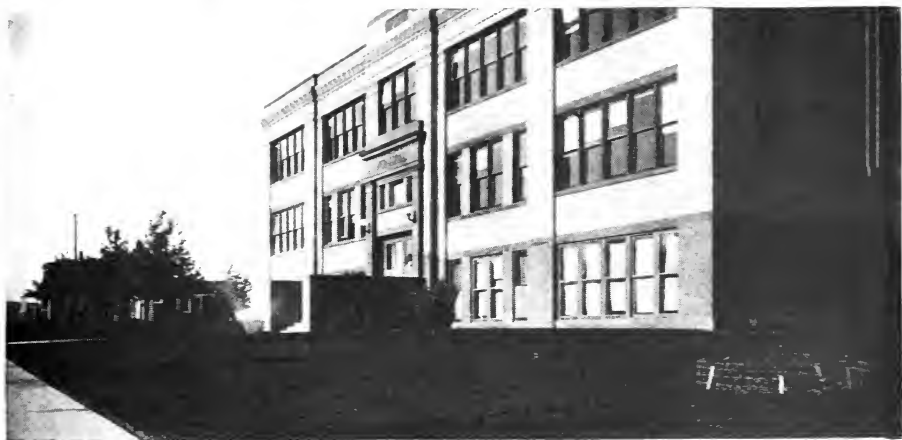
**LEWIS BEEWARE**—We are this year carrying a small stock of beeware for the apiarist, since the bee industry is becoming so important in the Northwest. Write for catalog of the Lewis Beeware with prices.



## INDEX

Achillea.....	89	Clover.....	69	Insecticides.....	92	Radish.....	38, 39
Ageratum.....	4	Cobaea Scandens.....	5, 71	Iris.....	91	Rape.....	64
Alfalfa.....	68	Columbine.....	89	Ivy.....	71	Raspberries.....	79
Almond, Flowering.....	85	Coleus.....	71	Juneberry.....	84	Red Top.....	64
Alyssum.....	4, 71	Collections.....	3, 4, 12	Kale.....	22	Remedies, Stock and	
Amorpha.....	90	Coriander.....	43	Kohl Rabi.....	22	Poultry.....	94
Ampelopsis.....	76	Corn Field.....	49-57	Larkspur.....	7, 89	Rhubarb.....	31
Anemone.....	89	Corn Planter.....	95	Lavatera.....	7	Rosemary.....	43
Anise.....	43	Corn, Pop.....	23	Lavender.....	43	Rose Moss.....	8
Antirrhinum.....	4, 71	Corn Popper.....	95	Lawn Grass.....	97	Roses.....	87, 88
Apples.....	80, 81	Corn Salad.....	22	Lawn Supplies.....	95, 97	Russian Olive.....	86
Apricot, Chinese.....	85	Corn, Sweet.....	24, 25	Leek.....	22	Rutabagas.....	46
Artemisia.....	87	Cosmos.....	6	Lettuce.....	28, 29	Rye.....	61
Ash.....	77	Cotoneaster.....	86	Lilac.....	86	Rye Grass.....	63
Asparagus.....	13	Cottonwood.....	77	Lily of the Valley.....	90	Saffron.....	43
Asparagus Ferns.....	72	Cow Peas.....	61	Linden.....	78	Sage.....	43
Asst'm'ts, Vegetable Seed.....	12	Crabapple.....	81, 84	Lobelia.....	7, 71	Salpiglossis.....	9, 71
Asters.....	4, 71, 89	Cranberry.....	84	Madeira Vine.....	73	Salsify.....	41
Baby's Breath.....	6, 89	Cress.....	22	Mangel Wurtzel.....	16	Salvia.....	71
Bachelor's Button.....	89	Cucumber.....	26, 27	Maple.....	77, 78	Scabiosa.....	9
Balloon Vine.....	5	Cultivators.....	70	Marguerite.....	71	Scarlet Runner.....	5
Balm of Gilead.....	77	Currants.....	75, 84	Marigold.....	5, 7	Seed Separator.....	95
Balsam.....	5	Cut Flowers.....	71	Matrimony Vine.....	76	Seeders.....	70, 95
Barley.....	58	Cypress Vine.....	6	May Day Bush.....	85	Shrubs.....	84, 85, 86, 87
Basil.....	43	Dahlia.....	6, 72	Meadow Fescue.....	64	Silverberry.....	84
Beans.....	13, 14, 15, 67	Daisy.....	6, 71, 91	Meadow Rue.....	90	Slug Shot.....	92
Bedding Plants.....	71	Delphinium.....	7, 89	Mignonette.....	7	Snapdragon.....	4, 71
Bee Balm.....	5	Dianthus.....	6	Millet.....	65	Snowball.....	85
Beets.....	16, 17	Digitalis.....	6	Mint.....	73	Snow on the Mountain.....	9
Begonia.....	71	Dill.....	43	Morning Glory.....	7	Sorghums.....	66
Birch.....	78	Drills.....	70	Mountain Ash.....	78	Soy Beans.....	67
Bittersweet.....	76	Egg Plant.....	27, 73	Mowers, Lawn.....	95	Speltz.....	61
Blackberries.....	79	Elder.....	85	Muskmelon.....	30, 31	Spiderwort.....	91
Black Haw.....	84	Elm.....	77, 78	Mustard.....	43	Spinach.....	41
Blazing Star.....	89	Emmer.....	61	Nasturtiums.....	7	Sprayers.....	95
Bleeding Heart.....	89	Endive.....	22	Nicotiana.....	8	Squash.....	42, 43
Blue Grass.....	64	Escholtzia.....	9	Nursery Stock.....	74, 91	Stock.....	9
Books.....	2	Evergreens.....	75	Oak.....	28	Stock Powders.....	94
Boltonia.....	89	Feed.....	93	Oats.....	59	Strawberries.....	76
Borecole.....	22	Fennel.....	43	Old Man.....	87	Strawflower.....	6
Bouncing Bet.....	89	Ferns.....	72	Okra.....	29	Sudan Grass.....	66
Boxelder.....	77	Fertilizer.....	94	Onion.....	32, 33	Sumac.....	84
Broccoli.....	22	Feterita.....	66	Onion Sets.....	35	Summer Cypress.....	6
Brome Grass.....	63	Feverfew.....	71	Onion Plants.....	35	Summer Savory.....	43
Brussels Sprouts.....	22	Flax.....	62, 89	Pansies.....	8, 71	Sunflower.....	6, 67, 91
Buckthorn.....	86	Floral Designs.....	71	Paper Pots.....	92	Sweet Clover.....	69
Buckwheat.....	62	Flowers by Wire.....	71	Paris Green.....	92	Sweet Corn.....	24, 25
Buffalobery.....	87	Flower Pots.....	92, 94	Parsley.....	31	Sweet Marjoram.....	43
Bulbs.....	72, 73	Flower Seeds.....	4-11	Parsnip.....	40	Sweet Peas.....	10, 11
Cabbage.....	20, 21	Flowering Currants.....	84	Pasque Flower.....	90	Sweet Potato.....	73
Cabbage Plants.....	73	Forget-Me-Not.....	6	Peanuts.....	64	Sweet Rocket.....	9
Cabbage, Chinese.....	92	Four-o'clock.....	6	Peas.....	36, 37, 61	Sweet Sultana.....	5
Calf Meal.....	23	Foxglove.....	6	Pea Trees.....	86	Sweet William.....	10, 91
Calendula.....	5, 71	Fuschia.....	71	Pentstemon.....	8, 90	Swiss Chard.....	17
California Poppy.....	9	Gaillardia.....	90	Peonies.....	88	Table, Planting.....	12
Calliopsis.....	5	Garden Lemon.....	35	Peppers.....	29, 73	Thyme.....	43
Canary Bird Vine.....	5	Garlic.....	6, 71	Perennials.....	89, 90, 91	Tiger Lily.....	91
Candytuft.....	5	Ceraniums.....	73	Perennial Flax.....	89	Timothy.....	64
Cane.....	66	Gladoli.....	73	Petunias.....	8, 71	Tobacco.....	41
Canana.....	5, 71, 72	Golden Glow.....	90	Phlox.....	9	Tomatoes.....	44, 45
Cantbury Bells.....	43	Golden Rod.....	90	Pie Plant.....	31	Tomato Plants.....	73
Caraway.....	43	Garden Gloom.....	90	Pine.....	75	Trowels.....	95
Carbola Paint.....	92	Gooseberries.....	79	Plant Bands and Pots.....	92	Turnips.....	46
Carnations.....	5	Grapes.....	81	Plant Food.....	94	Vegetable Plants.....	73
Carrots.....	18, 19	Greenhouse Dept.....	71-73	Planters.....	70, 95	Verbena.....	10, 71
Castor Bean.....	9	Gourds.....	6, 22	Planting Table.....	12	Vinca Vine.....	71
Catchfly.....	5	Grasses.....	63, 64	Platycodon.....	90	Vine Peach.....	30
Catnip.....	43	Ground Cherry.....	45, 73	Plums.....	82, 85	Vines.....	81, 76
Cauliflower.....	19, 73	Hand Weeder.....	95	Pop Corn.....	23	Violets.....	91
Cedar.....	23	Hawthorn.....	84	Poplars.....	77	Virginia Creeper.....	76
Celeriac.....	23	Hazelnut.....	79	Poppies.....	9	Walnut, Black.....	78
Celery.....	23, 73	Helianthus.....	6, 67	Portulaca.....	8	Wandering Jew.....	71
Centaurea Imperialis.....	5	Helichrysum.....	6	Postal Rates.....	2	Watermelon.....	34, 35
Chard, Swiss.....	17	Heliotrope.....	6, 71	Potato Planter.....	95	Wheat.....	60
Cherry.....	78, 83, 84	Hollyhock.....	86	Potato Eyes.....	47	Wild Cucumber.....	6
Chervil.....	22	Honeysuckle.....	86	Potatoes.....	47, 48	Willow.....	81
Chicory.....	22	Hop Vine.....	76	Poultry Supplies.....	93	Wormwood.....	43
Chinese Lantern.....	5	Horehound.....	43	Poultry Remedies.....	94	Yucca.....	91
Chinese Cabbage.....	22	Horse Radish.....	79	Prairie Clover.....	90	Zinnia.....	10, 71
Chinese Peach.....	85	Hose.....	95	Premiums.....	2		
Chinese Pink.....	6	House Plants.....	71	Primrose.....	8, 72		
Chives.....	33	Hyssop.....	43	Pumpkins.....	40		
Chrysanthemum.....	5	Ice Plant.....	7				
Citron.....	34	Inoculant.....	67				
Clarkia.....	5						
Clematis.....	76						

# Lawn Grass Seeds



**A Handsome Bismarck Lawn from Will's Emerald Lawn Grass Seed.**

## WILL'S EMERALD LAWN MIXTURE

Registered U. S. Patent Office.

This lawn grass mixture has been planted in the Northwest for thirty years, and beautiful lawns in every town in North and South Dakota and Montana prove its value.

There are no coarse seeds in this mixture.

The mixture is composed of **only the highest grade seeds** of the several varieties of grass of which it is made up. No clover is contained in the formula, but we are glad to supply White Dutch Clover at catalog price (See page 69) and add it to the mixture without charge for mixing.

If you want a good lawn in North Dakota buy Will's Emerald-Lawn Mixture. Accept no substitutes.

**Directions for Sowing a Lawn**—Only ground which has been broken at least a year and is mellow and easily worked should be seeded for a lawn. After spading up, pulverizing thoroughly and smoothing with a rake, the seed should be sown at the rate of one pound to three hundred square feet. Do not seed on a windy day as the light grass seed will quickly blow away. After seeding, rake in thoroughly with a double motion of the rake, forward and back. If a roller is available much better success will result if a good rolling is given after seeding. The prepared lawn should then be heavily soaked with water and not allowed to dry out until the grass is well up and the whole surface green.

All sorts of soils contain weed seed, and the black soil hauled on for lawns is often very weedy. Do not blame these weeds to the seedman who can furnish you with the official purity test of his seed.

**Price, 50c per lb., postpaid. By express or freight, 5 lbs., \$1.50; 10 lbs., \$2.75; 20 lbs., \$5.00.**

**For Shaded Ground Use Pure Red Top Seed. See Page 64.**

**DAKOTA LAWN MIXTURE**—This is a utility mixture, for those who do not wish to give the time and attention necessary for a first class lawn, and yet want a nice appearing grass plot about the house. It is made up of coarser and hardier grasses but requires some water to keep it up. Clover may be used with it to good advantage. **Price 35c per lb. postpaid. By express or freight, 5 lbs., \$1.40; 10 lbs., \$2.50; 20 lbs., \$4.00.**

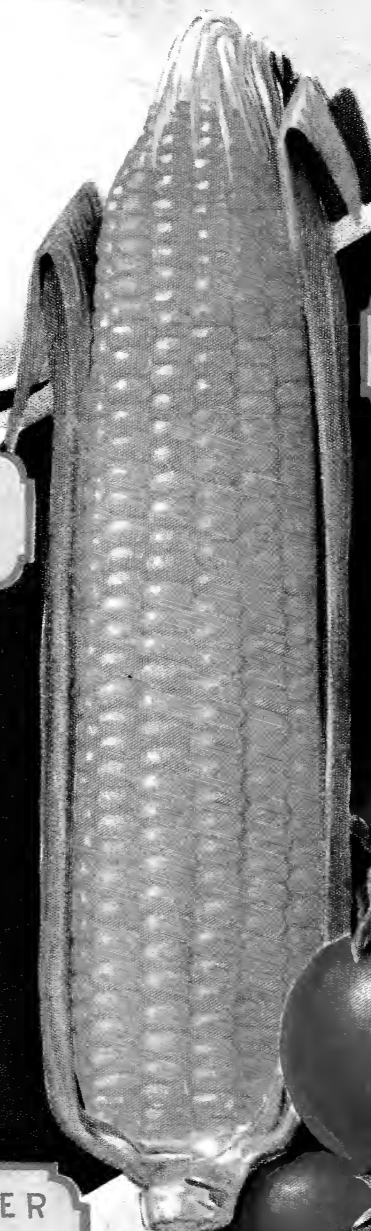
**For A Farm Grass Plot or Lawn Without Water**

We have found the Western Rye or Slender Wheat grass to be the only satisfactory hardy grass which will make a good appearance most of the time and survive through dry weather. See page 63.

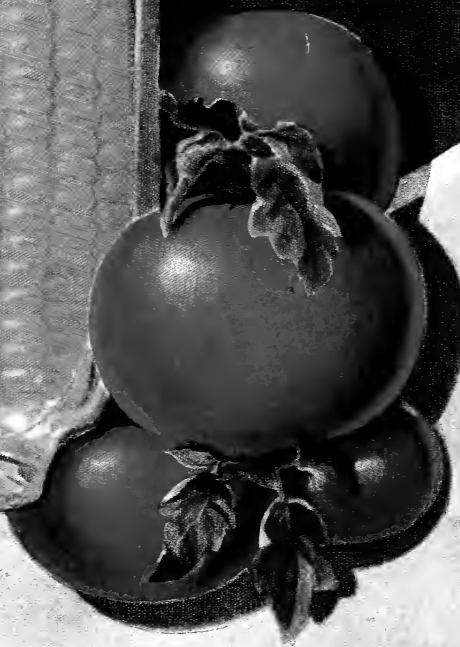
**See Page 95 for Hose, Nozzles, etc.**



MONTANA  
SILVERSKIN  
ONION  
SEE PAGE 32



SUNSHINE  
SWEET CORN  
SEE PAGE 24



RED RIVER  
TOMATO  
SEE PAGE 45